

# TSD File Inventory Index

Date: February 14, 2005

Initial: CMH/ericko

Facility Name <u>Midwest Generation, LLC (Collins Station - One folder site)</u>	
Facility Identification Number <u>ILD 000 665 497</u>	
<b>A.1 General Correspondence</b>	<b>B.2 Permit Docket (B.1.2)</b>
<b>A.2 Part A / Interim Status</b>	1 Correspondence
1 Correspondence	2 All Other Permitting Documents (Not Part of the ARA)
2 Notification and Acknowledgment	<b>C.1 Compliance - (Inspection Reports)</b>
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<b>A.4 Closure/Post Closure</b>	3 State Prelim. Investigation Memos
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2 Closure/Post Closure Plans, Certificates, etc	<b>D. 2 Corrective Action/Facility Investigation</b>
<b>A.5 Ambient Air Monitoring</b>	1 RFI Correspondence
1 Correspondence	2 RFI Workplan
2 Reports	3 RFI Program Reports and Oversight
<b>B.1 Administrative Record</b>	4 RFI Draft /Final Report

Total - 1

5 RFI QAPP		7 Lab data, Soil Sampling/Groundwater	
6 RFI QAPP Correspondence		8 Progress Reports	
7 Lab Data, Soil-Sampling/Groundwater		<b>D.5 Corrective Action/Enforcement</b>	
8 RFI Progress Reports		.1 Administrative Record 3008(h) Order	
9 Interim Measures Correspondence		.2 Other Non-AR Documents	
10 Interim Measures Workplan and Reports		<b>D.6 Environmental Indicator Determinations</b>	
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.2 Interim Measures		.1 Correspondence	
.3 CMS Workplan		.2 Reports	
.4 CMS Draft/Final Report		<b>F Imagery/Special Studies</b> (Videos, photos, disks, maps, blueprints, drawings, and other special materials.)	
.5 Stabilization		<b>G.1 Risk Assessment</b>	
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<b>D.4 Corrective Action Remediation Implementation</b>		.3 Enforcement Confidential	
.1 CMI Correspondence		.4 Ecological - Administrative Record	
.2 CMI Workplan		.5 Permitting	
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.4 CMI Draft/Final Reports		.7 Corrective Action/Remediation Implementation	
.5 CMI QAPP		.8 Endangered Species Act	
.6 CMI Correspondence		.9 Environmental Justice	

Note Transmittal Letter to Be Included with Reports.

Comments *Documents do not justify individual folder per schedule*

**A.2 Part A/  
Interim Status**







UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 5

230 SOUTH DEARBORN ST.

CHICAGO, ILLINOIS 60604

REPLY TO THE ATTENTION OF:

RCRA ACTIVITIES

Feb 18, 1987

Collins Station Com Ed

P O Box 767

Chicago, IL 60690

Attn: Thomas Hemminger

RE: EPA ID #: LD000665497

In response to your request of Jan 28, 1986 the following information has been updated:

*Regulated Waste Activity to Off Specification  
Used Oil Fuel - Burner*

If you have any questions, please contact Sharon Kidden at 312 886-6123

Sincerely,

A handwritten signature in dark ink, appearing to read "Arthur S. Kawatachi".

Arthur S. Kawatachi  
Information Unit  
Program Management Section

cc: State Agency  
File





UNITED STATES  
ENVIRONMENTAL PROTECTION AGENCY  
REGION 5  
RCRA ACTIVITIES  
P.O. BOX A3587  
CHICAGO, ILLINOIS 60690

MAY 31 1985

5HS-JCK-13

James W. Johnson, Vice President  
Commonwealth Edison Co., Collins Gen. Sta.  
P.O. Box 767  
Chicago, Illinois 60690

RE: Withdrawal of Part A (Exempted Waste)  
FACILITY NAME: Commonwealth Edison Co., Collins Gen. Sta.  
U.S. EPA ID NO.: ILD 000665497

Dear Mr. Johnson:


This is to acknowledge that we have completed our review of your Part A Hazardous Waste Permit Application and your December 23, 1981 letter requesting withdrawal of your Application. According to the information you have submitted, your facility treats, stores or disposes of wastes listed in 40 CFR Part 261.4 (enclosed) which are exempt from regulations at this time.

It is the opinion of this office, based on the information submitted, that your facility is not required to have a Hazardous Waste Permit under Section 3005 of the Resource Conservation and Recovery Act at this time. Please be advised that you must comply with all applicable State and local requirements.

You will retain your United States Environmental Protection Agency identification number, if you notified as a generator or transporter of hazardous waste.

Please contact the Authorization and Information Section at (312) 886-6148 for assistance, if you have any questions. Please refer to "Withdrawal of Part A (Exempted Wastes)," in all correspondence on this matter.

Sincerely,

  
David A. Stringham  
Acting Chief, Solid Waste Branch

Enclosure

cc: Larry Estep, IEPA  
Ken Bechely, IEPA/FOS

SEP 23 1985

RECEIVED

OCT 27 1986

IEPA-DLPC





UNITED STATES  
ENVIRONMENTAL PROTECTION AGENCY  
REGION V  
230 SOUTH DEARBORN ST.  
CHICAGO, ILLINOIS 60604

REPLY TO ATTENTION OF:

RCRA ACTIVITIES

OCT 16 1981

Anthony Ricciardi, Station Supt.  
R.R. No. 1 Pine Bluff Road  
Morris, IL 60450

RE: Hazardous Waste Permit Application-Incomplete Part A (ILD000665497)  
Facility Name (and EPA ID number)  
Facility Address

We have completed our review of your Part A RCRA permit application for the facility referenced above. The application was incomplete; therefore, we are returning it to you along with a checklist which indicates the missing items. Please complete all missing items marked with an asterisk (\*) on the application form, and return the form in time to reach this office by November 16, 1981. All other missing items marked on the checklist should be completed and may be forwarded to this office under separate cover by December 16, 1981.

All of these items are necessary in order for the U.S. Environmental Protection Agency to determine whether your facility qualifies for interim status. Once you receive interim status, your facility may continue operating under the interim status standards until such time as a Part B application is requested by USEPA. At that time, you will have up to six months to submit the Part B portion of the application and to show that you comply with the final detail technical standards.

Please note that some of your original entries on the forms may be changed. We have coded your forms to accommodate key punching for subsequent computer processing; all of our coding was done in blue ink only.

If you have any questions or wish to discuss the missing items on the checklist, please feel free to contact Allen Debus, the reviewer of your application, at (312) 886-6162 or me at (312) 886-7449.

Sincerely yours,

  
Arthur S. Kawatachi  
Regional Project Officer

Enclosure

P.S. All missing items marked with an asterisk must be submitted to us with a cover letter signed by the appropriate certifying official (Item XIII on Form 1 and/or Item IX and X on Form 3) or his duly authorized representative.





UNITED STATES  
ENVIRONMENTAL PROTECTION AGENCY  
REGION V  
230 SOUTH DEARBORN ST.  
CHICAGO, ILLINOIS 60604

REPLY TO ATTENTION OF:  
RCRA ACTIVITIES

APR 23 1982

Anthony Ricciardi, Station Superintendent  
Commonwealth Edison Co., Collins Gen. Sta.  
R.R. No. 1 Pine Bluff Road  
Morris, Illinois 60450

RE: Interim Status Acknowledgement      USEPA ID No. ILD000665497  
FACILITY NAME: Commonwealth Edison Co., Collins Gen. Station

Dear Mr. Ricciardi:

This is to acknowledge that the U.S. Environmental Protection Agency (USEPA) has completed processing your Part A Hazardous Waste Permit Application. It is the opinion of this office that the information submitted is complete and that you, as an owner or operator of a hazardous waste management facility, have met the requirements of Section 3005(e) of the Resource Conservation and Recovery Act (RCRA) for Interim Status. However, should USEPA obtain information which indicates that your application was incomplete or inaccurate, you may be requested to provide further documentation of your claim for Interim Status. Our opinion will be reevaluated on the basis of this information.

As an owner or operator of a hazardous waste management facility, you are required to comply with the interim status standards as prescribed in 40 CFR Parts 122 and 265, or with State rules and regulations in those States which have been authorized under Section 3006 of RCRA. In addition, you are reminded that operating under interim status does not relieve you from the need to comply with all applicable State and local requirements.

The printout enclosed with this letter identifies the limit(s) of the process design capacities your facility may use during the interim status period. This information was obtained from your Part A Permit application. If you wish to handle new wastes, to change processes, to increase the design capacity of existing processes, or to change ownership or operational control of the facility, you may do so only as provided in 40 CFR Sections 122.22 and 122.23.

As stated in the first paragraph of this letter, you have met the requirements of 40 CFR Part 122.23; your facility may operate under interim status until such time as a permit is issued or denied. This will be preceded by a request from this office or the State (if authorized) for Part B of your application. Please contact Arthur Kawatachi of my staff at (312) 886-7449, if you have any questions concerning this letter or the enclosure.

Sincerely yours,

Karl J. Klepitsch, Jr., Chief  
Waste Management Branch

Enclosure

cc: James W. Johnson, Vice President

*GPH* 4/23/82





COMMONWEALTH EDISON CO COLLINS GEN STA

ILD000665497

## COMMONWEALTH EDISON CO

COMOONWEALTH EDISON CO

PINE BLUFF AT WINTERBOTTOM  
MORRIS

IL 60450

T04  
T02

4000000  
4300000

U  
U

PROCESS	PRO- CESS CODE	APPROPRIATE UNITS OF MEASURE	UNIT OF MEASURE	CODE
STORAGE:			GALLONS	G
-----			LITERS	L
CONTAINER	S01	G or L	CUBIC YARDS	Y
TANK	S02	G or L	CUBIC METERS	C
WASTE PILE	S03	Y or C	GALLONS PER DAY	U
SURFACE IMPOUNDMENT	S04	G or L	LITERS PER DAY	V
DISPOSAL:			TONS PER HOUR	D
-----			METRIC TONS/HOUR	W
INJECTION WELL	D79	G,L,U, or V	GALLONS/HOUR	E
LANDFILL	D80	A or F	LITERS/HOUR	H
LAND APPLICATION	D81	B or Q	ACRE-FEET	A
OCEAN DISPOSAL	D82	U or V	HECTARE-METER	F
SURFACE IMPOUNDMENT	D83	G or L	ACRES	B
TREATMENT:			HECTARES	Q
-----			POUNDS/HOUR	J
TANK	T01	U or V	KILOGRAMS/HOUR	R
SURFACE IMPOUNDMENT	T02	U or V	TONS PER DAY	N
INCINERATOR	T03	D,W,E, or H	METRIC TONS/DAY	S
OTHER	T04	U,V,J,R,N, or S		





duplicate

Please print or type with ELITE type (12 characters per inch) in the unshaded areas only

From Appraisal, Compliance, and Enforcement Division  
GSA/NR/0249EPA-COT

Please refer to Section V, Line-by-Line Instructions for Completing EPA Form 8700-12 before completing this form. The information requested here is required by law (Section 3010 of the Resource Conservation and Recovery Act).



# Notification of Regulated Waste Activity

United States Environmental Protection Agency

Date Received  
(For Official Use Only)

10-14-99

## I. Installation's EPA ID Number (Mark 'X' in the appropriate box)

☐ A. Initial Notification ☒ B. Subsequent Notification (Complete Item C)

C. Installation's EPA ID Number  
I L D 0 0 0 6 6 5 4 9 7

## II. Name of Installation (Include company and specific site name)

M I D W E S T G E N E R A T I O N , L L C - C O L L I N S

## III. Location of Installation (Physical address not P.O. Box or Route Number)

Street

R U R A L R O U T E 1 , P I N E B L U F F R O A D

Street (Continued)

RECEIVED

City or Town

State

Zip Code

M O R R I S

I L

6 0 4 5 0 6 1 4 1 9 9 9 5 8

County Code

County Name

0 6 3

G R U N D Y

EPA/BOL

## IV. Installation Mailing Address (See instructions)

Street or P.O. Box

4 2 0 0 P I N E B L U F F R O A D

City or Town

State

Zip Code

M O R R I S

I L

6 0 4 0 7 - 9 6 1 9

## V. Installation Contact (Person to be contacted regarding waste activities at site)

Name (Last)

(First)

C O R C O R A N

J O N

Job Title

Phone Number (Area Code and Number)

S R E N V H & S

9 4 9 - 7 9 8 - 7 8 9 1

## VI. Installation Contact Address (See instructions)

A. Contact Address Location Mailing

B. Street or P.O. Box

☐

☒

1 8 1 0 1 V O N K A R M A N A V E N U E

City or Town

State

Zip Code

I R V I N E

C A

9 2 6 1 2 - 1 0 4 7

## VII. Ownership (See instructions)

### A. Name of Installation's Legal Owner

M I D W E S T G E N E R A T I O N , L L C

Street, P.O. Box, or Route Number

O N E F I N A N C I A L P L A C E S U I T E 3 4 1 0

City or Town

State

Zip Code

C H I C A G O

I L

6 0 6 0 5 -

Phone Number (Area Code and Number)

B. Land Type

C. Owner Type

D. Change of Owner Indicator

Date Changed Month Day Year

3 1 2 - 5 8 3 - 6 0 0 0

P

P

Yes

☒

No

0 9 3 0 1 9 9 9

0630605006

RECEIVED

10-14-99

ROOM  
Division 5



ID - For Official Use Only

## VIII. Type of Regulated Waste Activity (Mark 'X' in the appropriate boxes. Refer to Instructions)

## A. Hazardous Waste Activities

1. Generator (See Instructions)
- ☐ a. Greater than 1000kg/mo (2,200 lbs.)
- ☐ b. 100 to 1000 kg/mo (220-2,200 lbs.)
- ☒ c. Less than 100 kg/mo (220 lbs.)
2. Transporter (Indicate Mode in boxes 1-5 below)
- ☐ a. For own waste only
- ☐ b. For commercial purposes
- Mode of Transportation
- ☐ 1. Air
- ☐ 2. Rail
- ☐ 3. Highway
- ☐ 4. Water
- ☐ 5. Other - specify \_\_\_\_\_
- ☐ 3. Treater, Storer, Disposer (at Installation) Note: A permit is required for this activity, see Instructions.
4. Hazardous Waste Fuel
- ☐ a. Generator Marketing to Burner
- ☐ b. Other Marketers
- ☐ c. Boiler and/or Industrial Furnace
- ☐ 1. Smelter Deferral
- ☐ 2. Small Quantity Exemption
- Indicate Type of Combustion Device(s)
- ☐ 1. Utility Boiler
- ☐ 2. Industrial Boiler
- ☐ 3. Industrial Furnace
- ☐ 5. Underground Injection Control

## C. Used Oil Recycling Activities

1. Used Oil Recycling Marketer
- ☐ a. Marketer Directs Shipment of Used Oil to Off-Specification Burner
- ☐ b. Marketer Who First Claims the Used Oil Meets the Specifications
2. Used Oil Burner - Indicate Type(s) of Combustion Device
- ☐ a. Utility Boiler
- ☐ b. Industrial Boiler
- ☐ c. Industrial Furnace
3. Used Oil Transporter - Indicate Type(s) of Combustion Device(s)
- ☐ a. Transporter
- ☐ b. Transfer Facility
4. Used Oil Processor/Re-refiner - Indicate Type(s) of Activity(ies)
- ☐ a. Process
- ☐ b. Re-refine

## B. Universal Waste Activity

- ☐ 1. Large Quantity Handler of Universal Waste

## IX. Description of Regulated Wastes (Use additional sheets if necessary)

## A. Characteristics of Nonlisted Hazardous Wastes. (Mark 'X' in the boxes corresponding to the characteristics of nonlisted hazardous wastes your installation handles; See 40 CFR Parts 261.20 - 261.24)

1. Ignitable (D001) ☒ 2. Corrosive (D002) ☒ 3. Reactive (D003) ☐ 4. Toxicity Characteristic (List specific EPA hazardous waste number(s) for the Toxicity characteristic contaminant(s)) ☒
- D 0 0 4 D 0 0 7 D 0 0 8 D 0 1 8

## B. Listed Hazardous Wastes. (See 40 CFR 261.31 - 33; See instructions if you need to list more than 12 waste codes.)

1 F 0 0 1	2 F 0 0 2	3 F 0 0 3	4 F 0 0 4	5 F 0 0 5	6 
7 	8 	9 	10 	11 	12 

## C. Other Wastes. (State or other wastes requiring a handler to have an I.D. number; See instructions.)

1 	2 	3 	4 	5 	6 
-------	-------	-------	-------	-------	-------

## X. Certification

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Signature

Name and Official Title (Type or print)

Date Signed

XI. Comments

Note: Mail completed form to the appropriate EPA Regional or State Office. (See Section III of the booklet for addresses.)





Please refer to the *Instructions for Filing Notification* before completing this form. The information requested here is required by law (*Section 3010 of the Resource Conservation and Recovery Act*).

## Comments

[illegible]

Installation's EPA ID Number													Approved	Date Received (yr. mo. day)					
C											T/A	C							
F												1	A	8	0	0	8	1	8

[illegible]

## Street or P.O. Box

[illegible]

City or Town															State	ZIP Code						
C	H	I	C	A	G	O										I	L	6	0	6	9	0

## Street or Route Number

C	P	I	N	E	B	L	U	F	F	&	W	I	N	T	E	R	B	O	T	T	O	M	R	D
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

City or Town															State		ZIP Code						
C	M	O	R	R	I	S											I	L	6	0	4	5	0


## Name and Title (last, first, and job title)

[illegible]

A. Name of Installation's Legal Owner

C	C	O	M	M	O	N	W	E	A	L	T	H	E	D	I	S	O	N	P
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

**VI. Type of Regulated Waste Activity** (Mark 'X' in the appropriate boxes. Refer to instructions.)

A. Hazardous Waste Activity		B. Used Oil Fuel Activities	
<input checked="" type="checkbox"/> 1a. Generator	<input type="checkbox"/> 1b. Less than 1,000 kg/mo.	<input checked="" type="checkbox"/> 6. Off-Specification Used Oil Fuel (enter 'X' and mark appropriate boxes below)	<div style="text-align: center;">  </div>
<input type="checkbox"/> 2. Transporter		<input type="checkbox"/> a. Generator Marketing to Burner	
<input type="checkbox"/> 3. Treater/Storer/Disposer		<input type="checkbox"/> b. Other Marketer	
<input type="checkbox"/> 4. Underground Injection		<input checked="" type="checkbox"/> c. Burner	
<input type="checkbox"/> 5. Market or Burn Hazardous Waste Fuel (enter 'X' and mark appropriate boxes below)		<input type="checkbox"/> 7. Specification Used Oil Fuel Marketer (or On site Burner) Who First Claims the Oil Meets the Specification	
<input type="checkbox"/> a. Generator Marketing to Burner			
<input type="checkbox"/> b. Other Marketer			
<input type="checkbox"/> c. Burner			

**VII. Waste Fuel Burning: Type of Combustion Device** (enter 'X' in all appropriate boxes to indicate type of combustion device(s) in which hazardous waste fuel or off-specification used oil fuel is burned. See instructions for definitions of combustion devices.)

☒ A. Utility Boiler      ☐ B. Industrial Boiler      ☐ C. Industrial Furnace

**VIII. Mode of Transportation** (*transporters only — enter 'X' in the appropriate box(es)*)

☐ A. Air    ☐ B. Rail    ☐ C. Highway    ☐ D. Water    ☐ E. Other (specify) \_\_\_\_\_

## IX. First or Subsequent Notification

Mark 'X' in the appropriate box to indicate whether this is your installation's first notification of hazardous waste activity or a subsequent notification. If this is not your first notification, enter your installation's EPA ID Number in the space provided below.

☐ A. First Notification      ☒ B. Subsequent Notification (*complete item C*)



ID — For Official Use Only													
C												T/A	C
W													1

### X. Description of Hazardous Wastes (continued from front)

**A. Hazardous Wastes from Nonspecific Sources.** Enter the four-digit number from 40 CFR Part 261.31 for each listed hazardous waste from nonspecific sources your installation handles. Use additional sheets if necessary.

1	2	3	4	5	6
F 0 0 1	F 0 0 2				
7	8	9	10	11	12

**B. Hazardous Wastes from Specific Sources.** Enter the four-digit number from 40 CFR Part 261.32 for each listed hazardous waste from specific sources your installation handles. Use additional sheets if necessary.

13	14	15	16	17	18
19	20	21	22	23	24
25	26	27	28	29	30

**C. Commercial Chemical Product Hazardous Wastes.** Enter the four-digit number from 40 CFR Part 261.33 for each chemical substance your installation handles which may be a hazardous waste. Use additional sheets if necessary.

31	32	33	34	35	36
37	38	39	40	41	42
43	44	45	46	47	48

**D. Listed Infectious Wastes.** Enter the four-digit number from 40 CFR Part 261.34 for each hazardous waste from hospitals, veterinary hospitals, or medical and research laboratories your installation handles. Use additional sheets if necessary.

49	50	51	52	53	54

**E. Characteristics of Nonlisted Hazardous Wastes.** Mark 'X' in the boxes corresponding to the characteristics of nonlisted hazardous wastes your installation handles. (See 40 CFR Parts 261.21 — 261.24)

☒ 1. Ignitable  
(D001)


☐ 2. Corrosive  
(D002)

☐ 3. Reactive  
(D003)

☐ 4. Toxic  
(D000)

### XI. Certification

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Signature 	Name and Official Title (type or print) Thomas E. Hemminger Director of Water Quality	Date Signed Jan 29, 1986
--	---	-----------------------------



**ACKNOWLEDGEMENT OF NOTIFICATION  
OF HAZARDOUS WASTE ACTIVITY  
(VERIFICATION)**

This is to acknowledge that you have filed a Notification of Hazardous Waste Activity for the installation located at the address shown in the box below to comply with Section 3010 of the Resource Conservation and Recovery Act (RCRA). Your EPA Identification Number for that installation appears in the box below. The EPA Identification Number must be included on all shipping manifests for transporting hazardous wastes; on all Annual Reports that generators of hazardous waste, and owners and operators of hazardous waste treatment, storage and disposal facilities must file with EPA; on all applications for a Federal Hazardous Waste Permit; and other hazardous waste management reports and documents required under Subtitle C of RCRA.

EPA I.D. NUMBER

ILD000665497

REACKNOWLEDGEMENT

COMMONWEALTH EDISON CO COLLINS GEN STA  
PO BOX 767 ROOM 1700E  
CHICAGO IL 60690

INSTALLATION ADDRESS

PINE BLUFF AT WINTERBOTTO  
MORRIS IL 60450





U.S. ENVIRONMENTAL PROTECTION AGENCY  
NOTIFICATION OF HAZARDOUS WASTE ACTIVITYINSTALLATION'S EPA  
I.D. NO.

I. NAME OF INSTALLATION

II. INSTALLATION  
MAILING  
ADDRESS

III. LOCATION OF INSTALLATION

PLEASE PLACE LABEL IN THIS SPACE

001106 AUG 25 80

**INSTRUCTIONS:** If you received a preprinted label, affix it in the space at left. If any of the information on the label is incorrect, draw a line through it and supply the correct information in the appropriate section below. If the label is complete and correct, leave Items I, II, and III below blank. If you did not receive a preprinted label, complete all items. "Installation" means a single site where hazardous waste is generated, treated, stored and/or disposed of, or a transporter's principal place of business. Please refer to the INSTRUCTIONS FOR FILING NOTIFICATION before completing this form. The information requested herein is required by law (Section 3010 of the Resource Conservation and Recovery Act).

## FOR OFFICIAL USE ONLY

## COMMENTS

INSTALLATION'S EPA I.D. NUMBER

APPROVED

DATE RECEIVED  
(yr., mo., & day)

F I L D 0 0 0 6 6 5 4 9 7 2 1

A

8 0 0 8 1 8

Commonwealth Edison Co.  
Collins Generating Station

I. NAME OF INSTALLATION

C O L L I N S G E N E R A T I N G S T A T I O N

II. INSTALLATION MAILING ADDRESS

STREET OR P.O. BOX

3 P O B O X 7 6 7 R O O M 1 7 0 0 E

CITY OR TOWN

4 C H I C A G O

ST.

ZIP CODE

I L 6 0 6 9 0

III. LOCATION OF INSTALLATION

STREET OR ROUTE NUMBER

5 P I N E B L U F F A T W I N T E R B O T T O M

CITY OR TOWN

6 M O R R I S

ST.

ZIP CODE

I L 6 0 4 5 0

IV. INSTALLATION CONTACT

NAME AND TITLE (last, first, &amp; job title)

PHONE NO. (area code &amp; no.)

2 H E M M I N G E R T H O M A S

3 1 2 - 2 9 4 - 4 4 3 3

V. OWNERSHIP

A. NAME OF INSTALLATION'S LEGAL OWNER

8 C O M M O N W E A L T H E D I S O N C O M P A N Y

B. TYPE OF OWNERSHIP

(enter the appropriate letter into box)

VI. TYPE OF HAZARDOUS WASTE ACTIVITY (enter "X" in the appropriate box(es))

F = FEDERAL  
M = NON-FEDERAL

M

☒ A. GENERATION☐ B. TRANSPORTATION (complete item VII)☒ C. TREAT/STORE/DISPOSE☐ D. UNDERGROUND INJECTION

VII. MODE OF TRANSPORTATION (transporters only - enter "X" in the appropriate box(es))

☐ A. AIR☐ B. RAIL☐ C. HIGHWAY☐ D. WATER☐ E. OTHER (specify):

VIII. FIRST OR SUBSEQUENT NOTIFICATION

Mark "X" in the appropriate box to indicate whether this is your installation's first notification of hazardous waste activity or a subsequent notification. If this is not your first notification, enter your Installation's EPA I.D. Number in the space provided below.

☒ A. FIRST NOTIFICATION☐ B. SUBSEQUENT NOTIFICATION (complete item C)

C. INSTALLATION'S EPA I.D. NO.

I L D 0 0 0 6 6 5 4 9 7

IX. DESCRIPTION OF HAZARDOUS WASTES

Please go to the reverse of this form and provide the requested information.

I.D. - FOR OFFICIAL USE ONLY														
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
W	I	L	D	0	0	0	6	6	5	4	9	7	2	1
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

# IX. DESCRIPTION OF HAZARDOUS WASTES (continued from front)

A. HAZARDOUS WASTES FROM NON-SPECIFIC SOURCES. Enter the four-digit number from 40 CFR Part 261.31 for each listed hazardous waste from non-specific sources your installation handles. Use additional sheets if necessary.

1	2	3	4	5	6
F001	F002				
23	23	23	23	23	23
26	26	26	26	26	26
7	8	9	10	11	12
23	23	23	23	23	23
26	26	26	26	26	26

B. HAZARDOUS WASTES FROM SPECIFIC SOURCES. Enter the four-digit number from 40 CFR Part 261.32 for each listed hazardous waste from specific industrial sources your installation handles. Use additional sheets if necessary.

13	14	15	16	17	18
23	23	23	23	23	23
26	26	26	26	26	26
19	20	21	22	23	24
23	23	23	23	23	23
26	26	26	26	26	26
25	26	27	28	29	30
23	23	23	23	23	23
26	26	26	26	26	26

C. COMMERCIAL CHEMICAL PRODUCT HAZARDOUS WASTES. Enter the four-digit number from 40 CFR Part 261.33 for each chemical substance your installation handles which may be a hazardous waste. Use additional sheets if necessary.

31	32	33	34	35	36
23	23	23	23	23	23
26	26	26	26	26	26
37	38	39	40	41	42
23	23	23	23	23	23
26	26	26	26	26	26
43	44	45	46	47	48
23	23	23	23	23	23
26	26	26	26	26	26

D. LISTED INFECTIOUS WASTES. Enter the four-digit number from 40 CFR Part 261.34 for each listed hazardous waste from hospitals, veterinary hospitals, medical and research laboratories your installation handles. Use additional sheets if necessary.

49	50	51	52	53	54
23	23	23	23	23	23
26	26	26	26	26	26

E. CHARACTERISTICS OF NON-LISTED HAZARDOUS WASTES. Mark "X" in the boxes corresponding to the characteristics of non-listed hazardous wastes your installation handles. (See 40 CFR Parts 261.21 - 261.24.)

☐ 1. IGNITABLE  
(D001)


☒ 2. CORROSIVE  
(D002)

☐ 3. REACTIVE  
(D003)

☐ 4. TOXIC  
(D000)

## X. CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

SIGNATURE	NAME & OFFICIAL TITLE (type or print)	DATE SIGNED
	J. W. Johnson Vice President	8/14/80

CONTINUATION SHEET

ITEM IV    DIRECTOR OF WATER QUALITY





UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 5

230 SOUTH DEARBORN ST.

CHICAGO, ILLINOIS 60604

REPLY TO THE ATTENTION OF:

5HE-12

APR 17 1987

Mr. Thomas Hemminger  
Commonwealth Edison Co, Collins Gen Station  
P.O. Box 767 Rm. 1700E  
Chicago, IL 60690

EPA ID Number: ILD-000-665-497

Re: Requirements for Generators,  
Marketers and Burners of  
Hazardous Waste and Used  
Oil Fuels

Dear Mr. Hemminger:

This letter acknowledges that the United States Environmental Protection Agency (U.S. EPA) has received your Notification of Hazardous Waste Activity as required by the new Waste-As-Fuel regulations. These regulations were published in the November 29, 1985, Federal Register and apply to persons who generate, market, transport, or burn hazardous waste fuel or used oil fuel.

The following information highlights the administrative requirements for persons subject to the current Waste-As-Fuel regulations promulgated on November 29, 1985, in 40 CFR (Code of Federal Regulations) Part 266, Subparts D and E.

GENERATORS

Persons Generating Hazardous Waste Fuel. Generators that send their hazardous waste to a hazardous waste fuel marketer are subject to the 40 CFR Part 262 generator standards [see 40 CFR 266.32(a)]. Generators that market their hazardous waste fuel directly to burners are subject to both the 40 CFR Part 262 standards and the hazardous waste fuel marketer requirements [see 40 CFR 266.32(b)]. Generators that are burners are also subject to 40 CFR 266.35.

Persons Generating Used Oil Fuel. Used oil generators are exempt from the current Waste-As-Fuel regulations unless they: (1) market off-specification used oil fuel directly to a burner, or (2) burn off-specification used oil for energy recovery. Generators marketing directly to a burner are subject to 40 CFR 266.43. Generators burning off-specification used oil fuel are subject to 40 CFR 266.44.





### MARKETERS

Persons Marketing Hazardous Waste Fuel. Persons who market hazardous waste fuel include the following: (1) generators marketing hazardous waste fuel directly to a burner, (2) persons who receive hazardous waste from generators and produce, process, or blend hazardous waste fuel, and (3) persons who distribute but do not process or blend hazardous waste fuel. Hazardous waste fuel marketers are required to have notified U.S. EPA of their hazardous waste fuel activities, have a U.S. EPA Identification Number, and market only to persons who have notified U.S. EPA and who burn the fuel only in industrial furnaces, industrial boilers, or utility boilers. These marketers are also required to comply with manifest requirements, certification of compliance with burning standards, recordkeeping requirements, and storage standards [see 40 CFR 266.34].

Persons Marketing Used Oil Fuel. 40 CFR 266.43 describes to whom the regulations for used oil marketing apply. The same requirements for persons marketing hazardous waste fuel apply to off-specification used oil fuel marketers, except for the manifest and storage requirements [see 40 CFR 266.43].

### TRANSPORTERS

Persons Transporting Hazardous Waste Fuel. Persons who transport hazardous waste fuel are subject to the 40 CFR Part 263 standards for hazardous waste transporters. These persons are required to notify U.S. EPA of their Waste-As-Fuel activities. However, they are not required to renotify U.S. EPA of their hazardous waste transportation activities if they have already done so.

Persons Transporting Used Oil Fuel. Persons who transport used oil fuel, both on-specification and off-specification, are currently exempt from the Waste-As-Fuel regulations.

### BURNERS

Persons Burning Hazardous Waste Fuel. Owners and Operators of industrial furnaces, industrial boilers and utility boilers that burn hazardous waste fuel are subject to the following: (1) notification to U.S. EPA of hazardous waste fuel activities, (2) manifest requirements, (3) certification with burner standards, (4) recordkeeping requirements, and (5) storage standards. Burners must also comply with the prohibitions on use in non-industrial boilers [see 40 CFR 266.35].

Persons Burning Used Oil Fuel. Owners and Operators of industrial furnaces, industrial boilers and utility boilers are subject to the same requirements as Hazardous Waste Fuel Burners except for the manifest and storage standards [see 40 CFR 266.44].

If you have any questions concerning this letter or the Waste-As-Fuel regulations, please contact either Ms. Shirlee Brauer at (312) 886-4591, or Ms. Laura Lodisio at (312) 886-7090 or the RCRA/Superfund Hotline at (800) 424-9436.

Sincerely,



Basil G. Constantelos, Director  
Waste Management Division

Enclosure





May 13 1986

16 D 0 0 6 6 5 497

Commonwealth Edison, Collins Station  
ILD 000 665 497

William E. Muno, Chief  
RCRA Enforcement Section

ORIGINAL SIGNED BY  
WILLIAM E. MUNO

Y. J. Kim, Acting Chief  
Technical Programs Section, DHS-13

Our Section recently reviewed the Part A file for the above referenced land disposal facility. This review raised a number of concerns in the permit/closure area which we believe need to be resolved.

1. The facility submitted a closure plan to U.S. Environmental Protection Agency on May 12, 1981, and submitted a closure certification on May 17, 1982. The closure plan was never public noticed nor approved.
2. On May 31, 1985, U.S. EPA sent the facility a letter approving the withdrawal of the Part A application based on a 40 CFR 261.4 exemption. We were unable to determine any basis for the issuance of this letter. Perhaps the basis was U.S. EPA's policy extending the exemption of 261.4(b)(4) to mineralizer regenerant waste co-treated with fly ash, bottom ash, slag, or flue gas emission control sludges. Nothing in the file substantiates that such co-treatment took place in the holding ponds which were the subject of the closure plan. If co-treatment did take place, the closure plan would have been unnecessary.
3. The facility's management practice of the demineralizer regenerant waste changed after "closure" to that of beneficial use i.e. scale control for intake water. The May 31, 1985, letter makes no mention of the 261.6(a) exemption as a basis for allowing withdrawal of the Part A because of this practice.
4. The facility is burning hazardous waste solvents in its boiler. The facility must submit a notification for this activity, and obtain a storage permit if the solvents are stored for more than 90 days prior to burning.

We are currently carrying the subject facility on our list of land disposal facilities as a "clean closure". If your review and clarification of this matter concludes that RCRA (and closure) was never applicable to the operation of any surface impoundment at the facility, please inform me so that I may correct our listing.

Walter Francis is the RES contact on the matter; he can be reached at 3-4921.  
Thank you for your assistance.

cc: Art Kawatachi, BIS-13

2

5HE-12:Walter:lr:3-4921:5/5/86:#12



**Commonwealth Edison**

72 West Adams Street, Chicago, Illinois

Address Reply to: Post Office Box 767

Chicago, Illinois 60690 - 0767

January 28, 1986

HAND DELIVERED

USEPA - Region V  
Waste Management Division  
RCRA Activities  
P.O. Box A3587  
Chicago, Illinois 60680

RECEIVED

JAN 29 1986

JWD - MJS  
U.S. EPA, REGION V

Subject: Notification of Used Oil Fuel Activity

Dear Sir or Madam:

Commonwealth Edison Company hereby submits notification of used oil fuel activity for Collins Generating Station as required by Section 3010 of the Resource Conservation and Recovery Act.

If there are any questions concerning the notification, please contact Judy Freitag of my staff at 312/294-3016.

Sincerely,

Thomas E. Hemminger  
Director of Water Quality

8770E  
JAF:TEH:pp  
Enclosures

RECEIVED

JAN 2 1986

U.S. EPA REGION V  
CHICAGO - ILL



Illinois Environmental Protection Agency · 2200 Churchill Road, Springfield, IL 62706

217/782-6762

Refer to: 0630000000 -- Grundy Co. General  
Collins/Commonwealth Edison  
ILD000665497

October 1, 1985

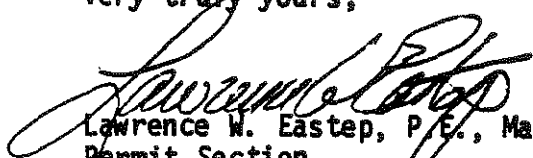
Thomas E. Hemminger  
Commonwealth Edison  
Post Office Box 767  
Chicago, Illinois 60690-0767

Dear Mr. Hemminger:

This is in response to your letter of September 16, 1985 regarding withdrawal of your Part A Permit by the USEPA. It would appear, based on the May 31, 1985 withdrawal letter from the USEPA, that your facility is no longer subject to the requirements of 40 CFR Parts 264 and 265.

Should you have any questions regarding the above, please contact Harry Chappel of my staff.

Very truly yours,

  
Lawrence W. Eastep, P. E., Manager  
Permit Section  
Division of Land Pollution Control

LWE:HAC:sd/2366e/13

cc: Northern Region (W/Att.)  
H. Chappel (W/Att.)  
Compliance Section (Att.)





**Commonwealth Edison**

72 West Adams Street, Chicago, Illinois  
Address Reply to: Post Office Box 767  
Chicago, Illinois 60690 - 0767

*Northern*

September 16, 1985

CERTIFIED MAIL

Harry Chappel  
Manager, Facilities Permitting Unit  
Illinois Environmental Protection  
Agency  
2200 Churchill Road  
Springfield, Illinois 62706

Subject: USEPA Withdrawal of Part A (Exempted Waste)  
Collins Generating Station  
Illinois Generator Number: 0630605006

Dear Mr. Chappel:

The USEPA has acknowledged by letter dated May 31, 1985 (copy attached), its determination that Commonwealth Edison Company's Collins Generating Station is not required to have a RCRA Section 3005 hazardous waste permit and has withdrawn the Collins Part A permit.

This letter is to confirm with you that because of your determination and the withdrawal of the Part A Permit, the Collins facility is not subject to continuing RCRA requirements under 40 CFR Parts 264 and 265 with respect to hazardous waste treatment facilities, except those specific requirements applicable to generators of hazardous waste. On this basis, we believe there are no further obligations concerning the closure of the demineralizer regenerant waste treatment system. In accordance with your offer to our Counsel, would you please follow-up this letter with a confirmation of your own.

If you need additional information, please contact Judy Freitag of my staff at 312/294-3016.

Sincerely,

Thomas E. Hemminger  
Director of Water Quality

7924E  
JAF:TEH:dd  
Attachment

RECEIVED  
SEP 23 1985  
OCT 27 1986  
IEPA-DLPC







MAY 31 1985

UNITED STATES  
ENVIRONMENTAL PROTECTION AGENCY  
REGION 5  
RCRA ACTIVITIES  
P.O. BOX A3587  
CHICAGO, ILLINOIS 60690

~~PLS MAKE XXX~~  
~~FOR AC BUREAU~~  
TO  
[Signature]  
[Signature]  
[Signature]

5HS-JCK-13

James W. Johnson, Vice President  
Commonwealth Edison Co., Collins Gen. Sta.  
P.O. Box 767  
Chicago, Illinois 60690

RECEIVED

JUN 03 1985

IEPA-DLPC

RE: Withdrawal of Part A (Exempted Waste)  
FACILITY NAME: Commonwealth Edison Co., Collins Gen. Sta.  
U.S. EPA ID NO.: ILD 000665497

Dear Mr. Johnson:

This is to acknowledge that we have completed our review of your Part A Hazardous Waste Permit Application and your December 23, 1981 letter requesting withdrawal of your Application. According to the information you have submitted, your facility treats, stores or disposes of wastes listed in 40 CFR Part 261.4 (enclosed) which are exempt from regulations at this time.

It is the opinion of this office, based on the information submitted, that your facility is not required to have a Hazardous Waste Permit under Section 3005 of the Resource Conservation and Recovery Act at this time. Please be advised that you must comply with all applicable State and local requirements.

You will retain your United States Environmental Protection Agency identification number, if you notified as a generator or transporter of hazardous waste.

Please contact the Authorization and Information Section at (312) 886-6148 for assistance, if you have any questions. Please refer to "Withdrawal of Part A (Exempted Wastes)," in all correspondence on this matter.

Sincerely,

David A. Stringham  
Acting Chief, Solid Waste Branch

Enclosure

cc: Larry Estep, IEPA  
Ken Bechely, IEPA/FOS



1469-80

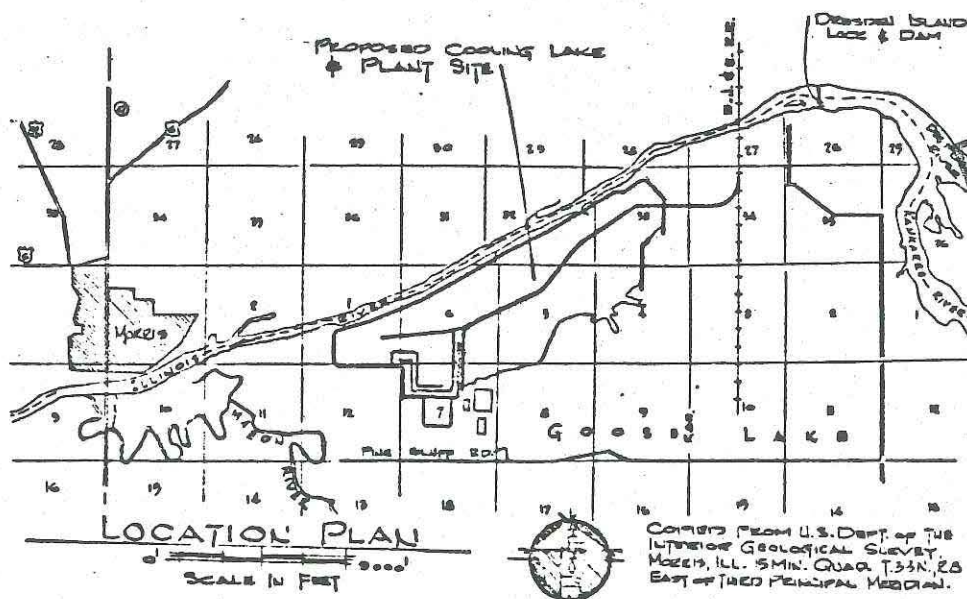
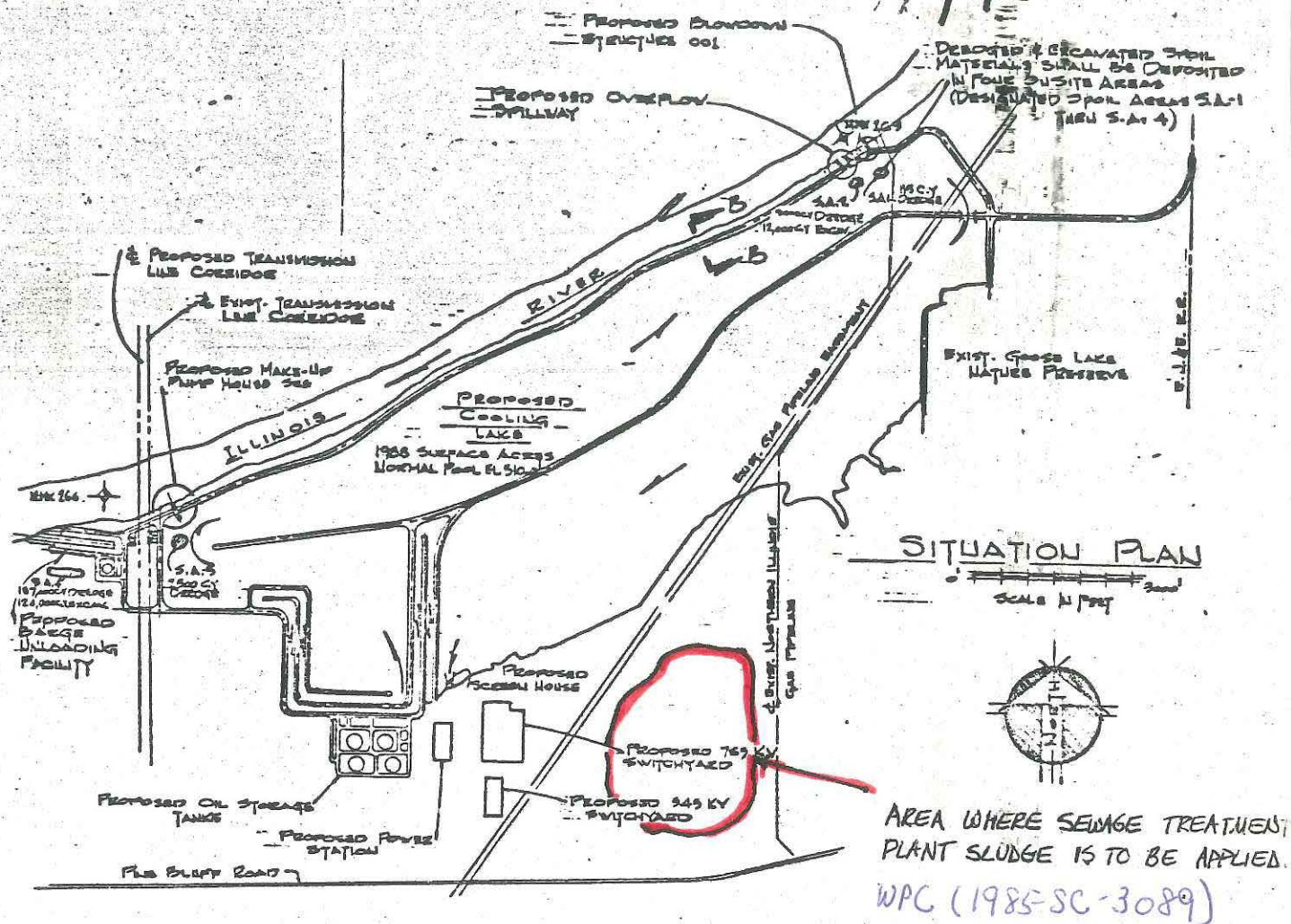


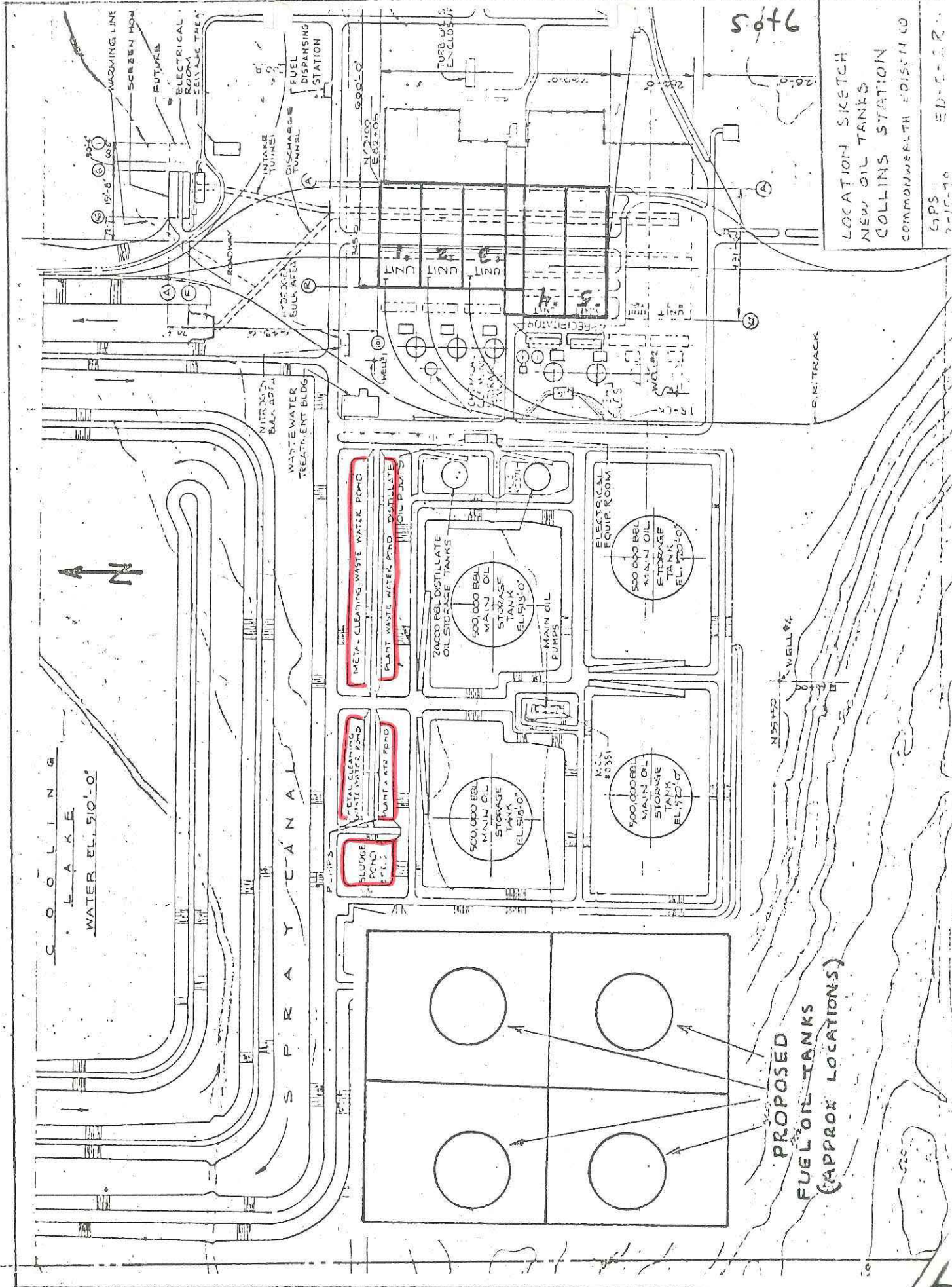
FIGURE C

RECEIVED  
OCT 21 1980  
Environmental Protection Agency  
WPC - Permit Log In

COLLINS STATION  
PROPOSED MAKE-UP PUMP HOUSE,  
OVERFLOW SPILLWAY, BARGE UNLOADING FACILITY &  
BLOWDOWN STRUCTURE IN THE ILLINOIS RIVER  
AT COLLINS STATION  
COUNTY OF GENESEE, ILLINOIS







5046

LOCATION SKETCH  
NEW OIL TANKS  
COLLINS STATION  
COMMONWEALTH EDISON CO  
GPS  
2-15-79  
ED-C-22

PROPOSED  
FUEL OIL TANKS  
(APPROX LOCATIONS)







**Commonwealth Edison**

72 West Adams Street, Chicago, Illinois

Address Reply to: Post Office Box 767  
Chicago, Illinois 60690

*Original to PA  
copies to not. file  
and Janita's closure file  
2/1/82.*

December 23, 1981

RCRA Activities  
Region V  
P.O. Box A3587  
Chicago, Illinois 60690  
Attn: 5AHWM

Subject: Notification of Unnecessary  
Permit Application  
Collins Generating Station  
EPA Facility I.D. #ILD000665497

*OK GTPA*

To Whom it May Concern:

This letter is to inform you that Collins Generating Station has filed an unnecessary Hazardous Waste Permit Application, Part A of EPA's Consolidated Permit Application. The Company is informing the EPA that a permit application for this facility has been unnecessarily filed in order to eliminate unneeded inspections of facilities which are not subject to the regulations. We are taking this action with the clear understanding that, should the RCRA regulations be modified such that these or other of Commonwealth Edison's facilities are considered to be treatment, storage or disposal facilities prior to the termination of the interim status period, interim status will be available to these facilities in accordance with 40 CFR Section 122.22(a).

The Company originally applied for a Hazardous Waste Permit for two facilities at Collins Station, the demineralizer regenerant waste treatment system and the thermal treatment of waste solvents. The demineralizer regenerant waste treatment system is presently being closed; it ceased operation November 19, 1981. A closure plan was filed with the Regional Administrator. For the other waste treatment facility, treatment of waste solvents in an oil fired boiler, the Company wishes to notify the Agency that the Hazardous Waste Permit Application was unnecessary.

The above mentioned thermal treatment facility incinerates waste solvents with positive BTU values in an oil fired boiler. In accordance with 40 CFR Section 261.2(c)(2), the material is not a solid waste subject to RCRA regulation. Further, there is no combustion waste remaining after incineration which might have to be disposed of under RCRA.

RECEIVED

DEC 29 1981

WASTE MANAGEMENT BRANCH  
EPA, REGION V

RECEIVED  
12/29/81





Should you have any questions, please call Angela Jankousky at 312/294-4458.

Sincerely,

A handwritten signature in dark ink, appearing to read 'JW Johnson', written in a cursive style.

James W. Johnson  
Vice President

1643a  
ALJ:JWJ:ds





Commonwealth Edison  
72 West Adams Street, Chicago, Illinois  
Address Reply to: Post Office Box 767  
Chicago, Illinois 60690

252

November 18, 1980

CERTIFIED MAIL

U.S. Environmental Protection  
Agency, Region V  
RCRA Activities  
Post Office Box 7861  
Chicago, Illinois 60680

Subject: Application for Hazardous Waste Permit  
Collins Station - EPA I.D. No. ILD000665497

Dear Sirs:

Commonwealth Edison Company hereby submits Forms 1 and 3 of EPA's Consolidated Permit Application - Part A for Collins Station as required by Section 3005 of the Resource Conservation and Recovery Act.

If there are any questions concerning the information provided, please contact me at 312/294-4433.

Sincerely,

Thomas E. Hemminger  
Director of Water Quality

MEW:TEH:ds  
Enclosures





*logged off 11/25/81*

**Commonwealth Edison**  
72 West Adams Street, Chicago, Illinois  
Address Reply to: Post Office Box 767  
Chicago, Illinois 60690

November 12, 1981

**RECEIVED**

NOV 18 1981

WASTE MANAGEMENT BRANCH  
EPA, REGION V

CERTIFIED MAIL

U.S. Environmental Protection  
Agency, Region V  
230 South Dearborn Street  
Chicago, Illinois 60604  
Attn: RCRA Activities

Subject: Hazardous Waste Permit Application  
Collins Generating Station  
EPA I.D. #: ILD000665497

Dear Mr. Kawatachi:

Attached please find the now complete Part A RCRA permit application for Collins Generating Station, a facility owned and operated by Commonwealth Edison Company.

The following additions have been made:

1. Section X, Operator Certification, has been completed.
2. Section IV, Description of Hazardous Wastes, has been clarified by the addition of a statement regarding the maximum annual quantity of waste treated.

The Company believes that this information which was requested in your letter of October 16, 1981, satisfies all of your requests. We will not be sending a second letter.

Should you have any questions, or should a second letter indeed be required, please contact Angela Libby at 312/294-4458.

Sincerely,

James W. Johnson  
Vice President

1086a  
AEL:JWJ:ds  
Attachment

**RECEIVED**  
11/18/81



Collins Generating Station  
Permit No. IL 0048143

Discharges: 001 - Cooling Pond Blowdown  
003 - Miscellaneous Wastewater Treatment System  
003(a) - Boiler Blowdown  
003(b) - Gas Side Metal Cleaning Waste (Air Preheater Wash)  
004 - Domestic Sewage Treatment Plant  
005 - Roof and Parking Area Runoff  
006 - Make-Up Water Screen Backwash

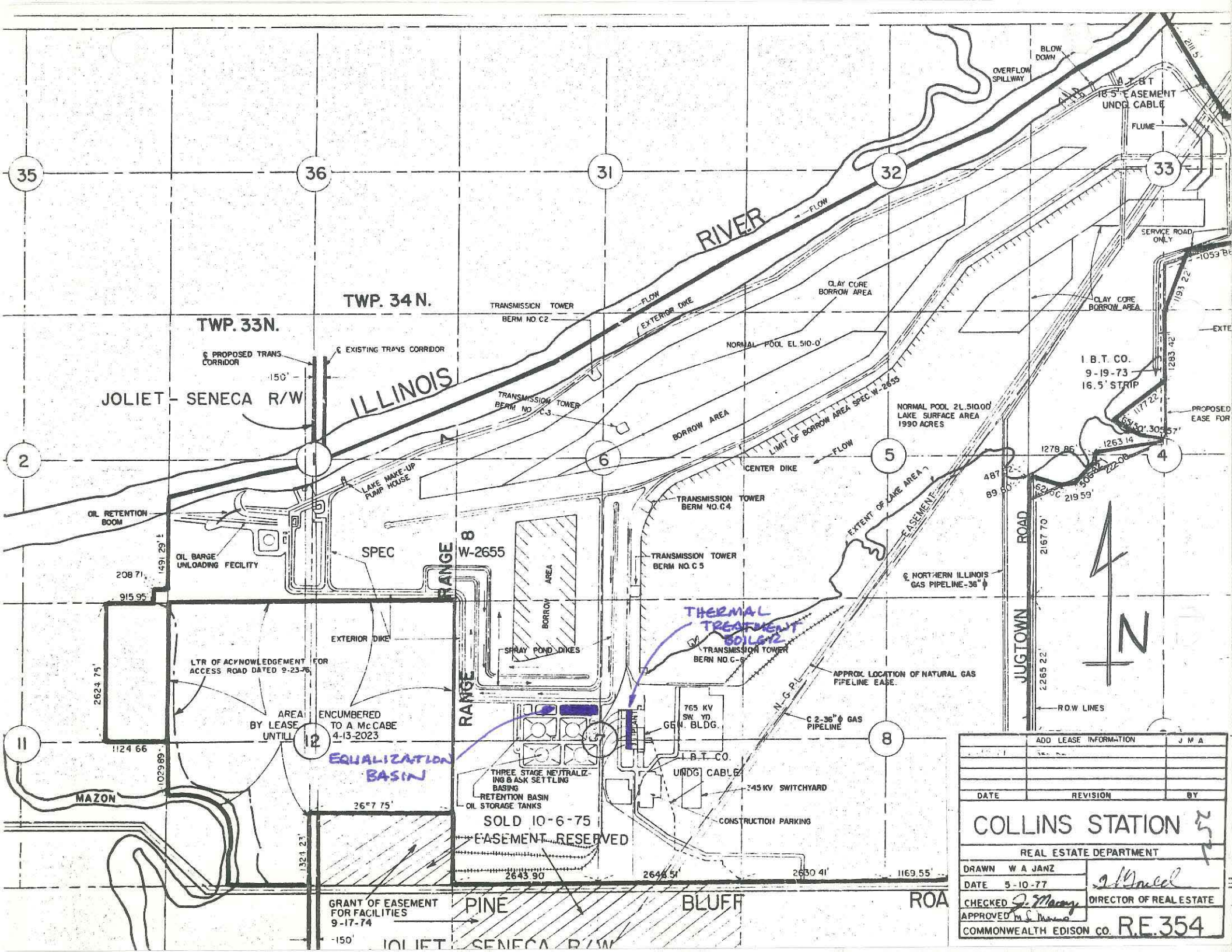
Location: Latitude 41° 21' 15"  
Longitude 88° 25'  
Sec 7  
Townships 33 North  
Range 8 East of the 3rd Principal Meridian  
Grundy County, Near Morris

Receiving Stream: Illinois River

Maps: USGS Topographic Maps, 7.5 minute series of Minooka,  
Illinois and Coal City, Illinois





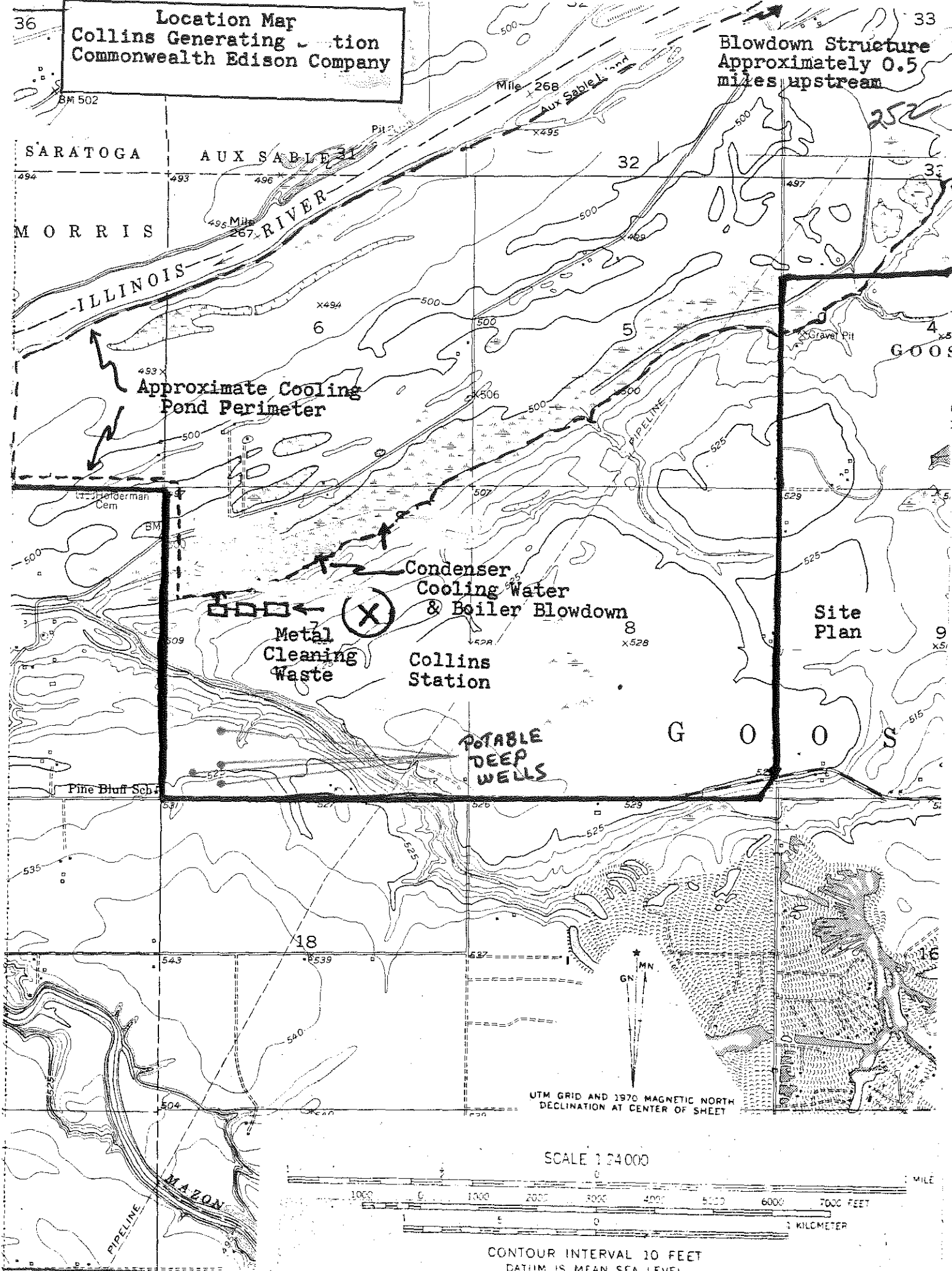


ADD LEASE INFORMATION		J M A
DATE	REVISION	BY
COLLINS STATION		
REAL ESTATE DEPARTMENT		
DRAWN W A JANZ	5	
DATE 5-10-77	J. M. Muel	
CHECKED J. M. Muel	DIRECTOR OF REAL ESTATE	
APPROVED W. S. Muel	COMMONWEALTH EDISON CO. R.E.354	



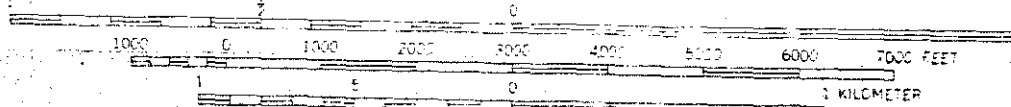
Location Map  
Collins Generating Station  
Commonwealth Edison Company

Blowdown Structure  
Approximately 0.5  
miles upstream



UTM GRID AND 1970 MAGNETIC NORTH  
DECLINATION AT CENTER OF SHEET

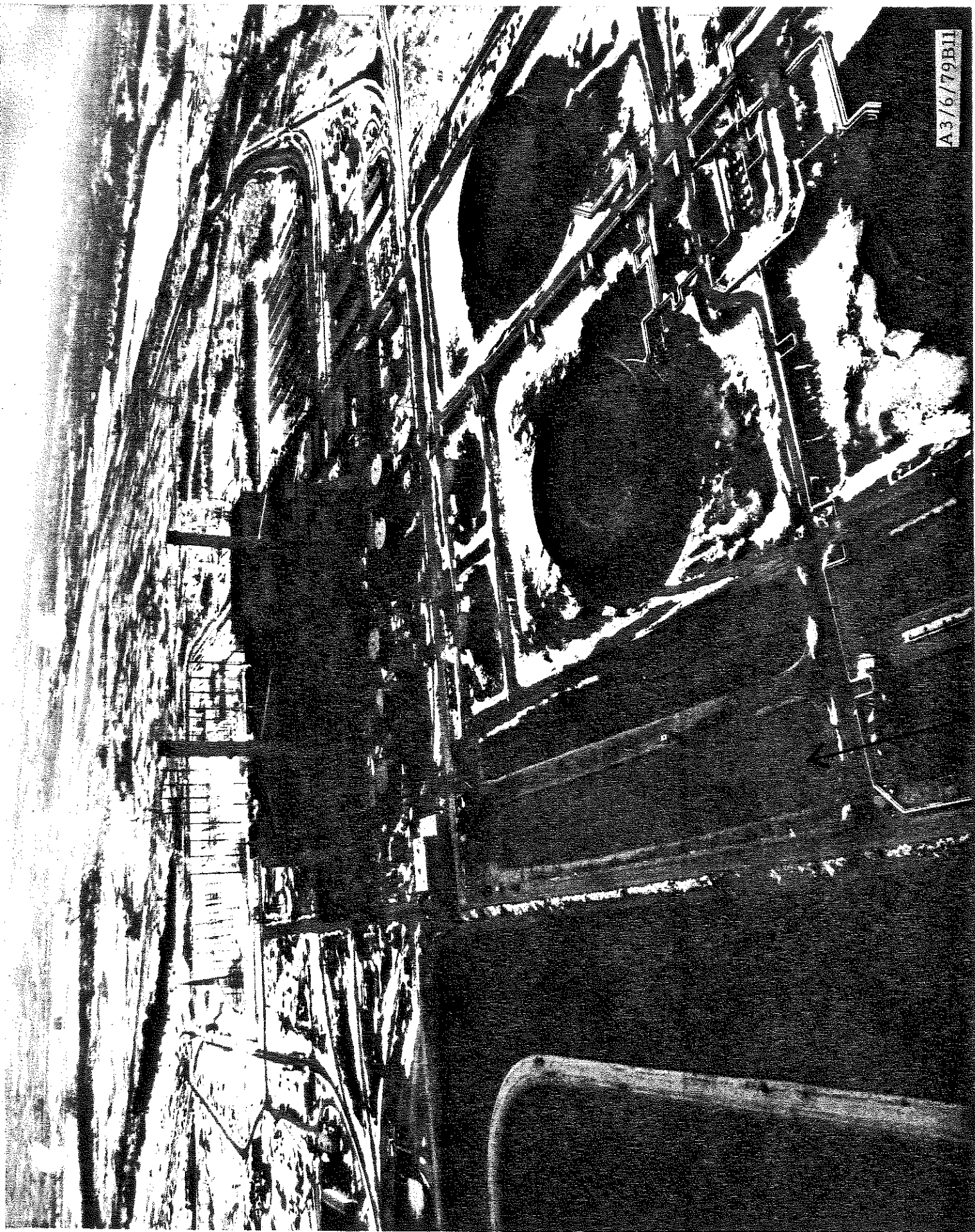
SCALE 1:24000



CONTOUR INTERVAL 10 FEET  
DATUM IS MEAN SEA LEVEL

210114  
9300  
21024



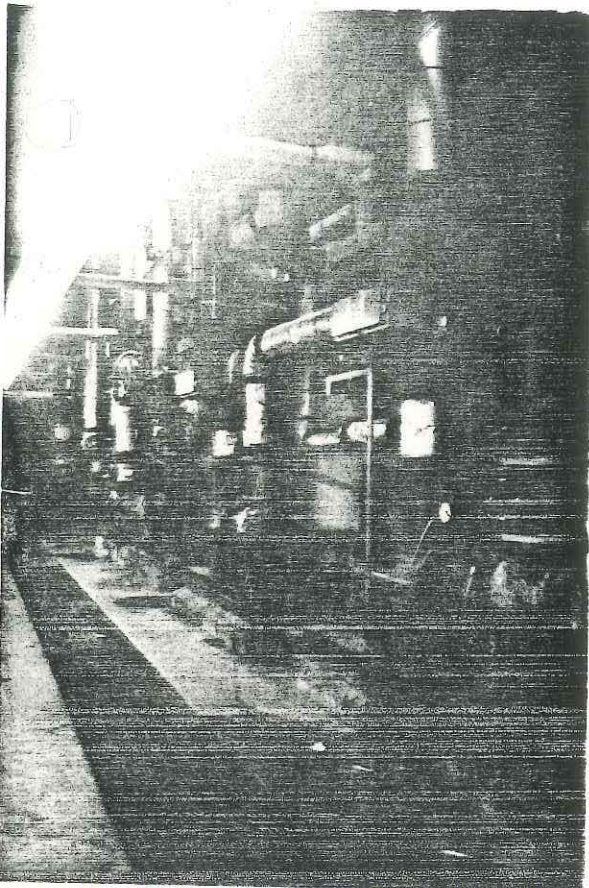


A3/6/79BII

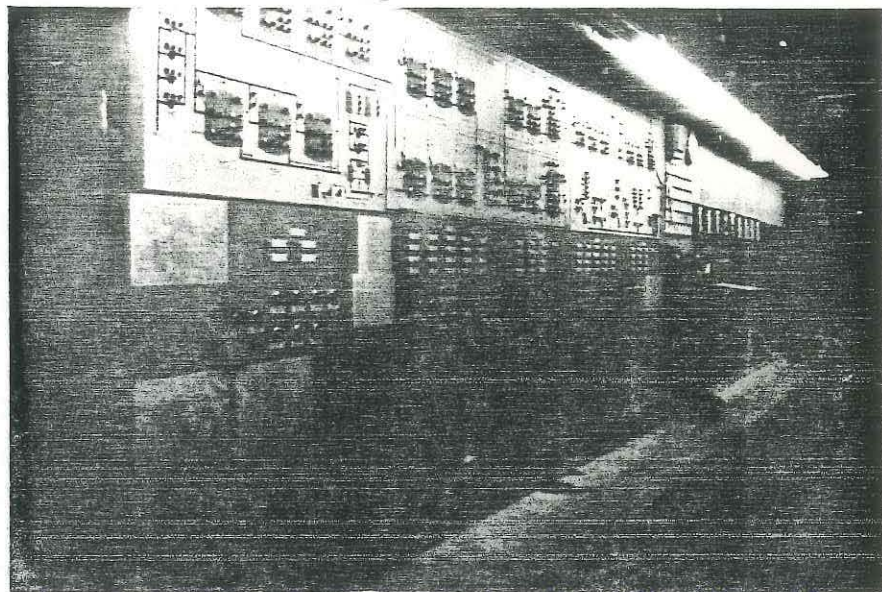
COLLINS EQUALIZATION



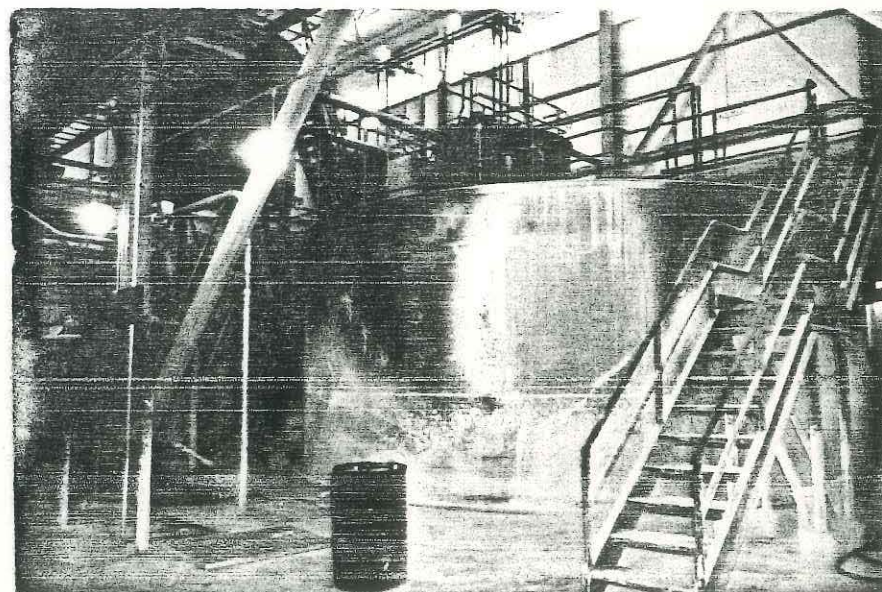
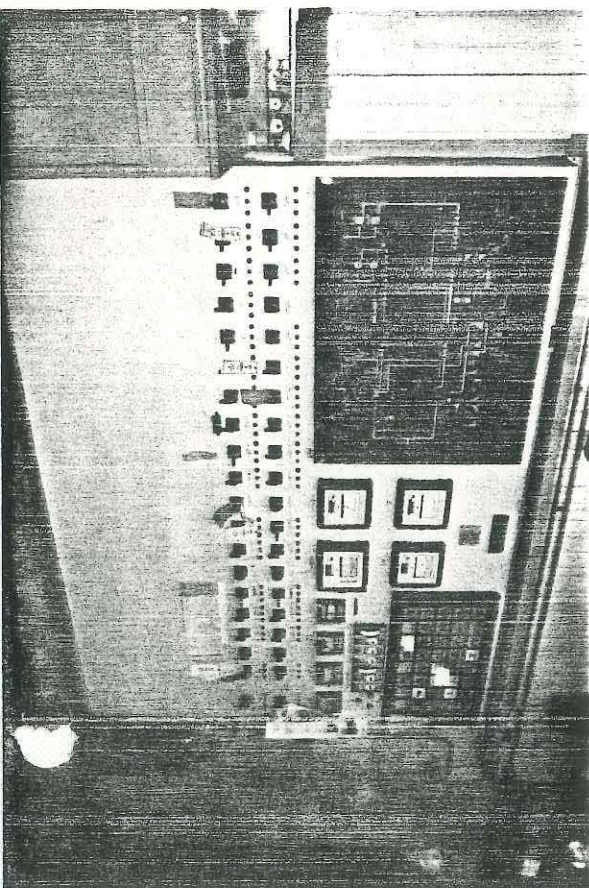
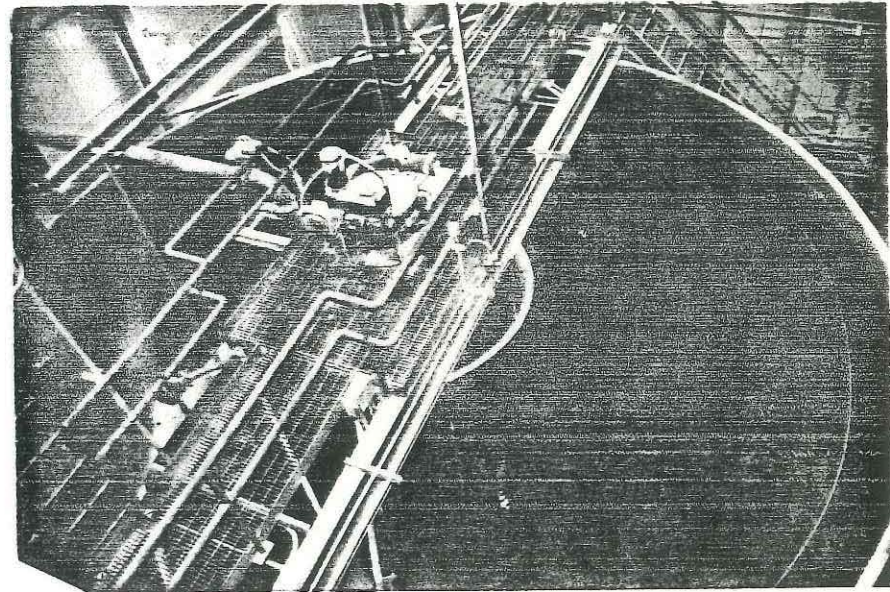




COLLINS DEMINERALIZER  
10/31/80



COLLINS DEMINERALIZER PANEL BOARD  
10/31/80

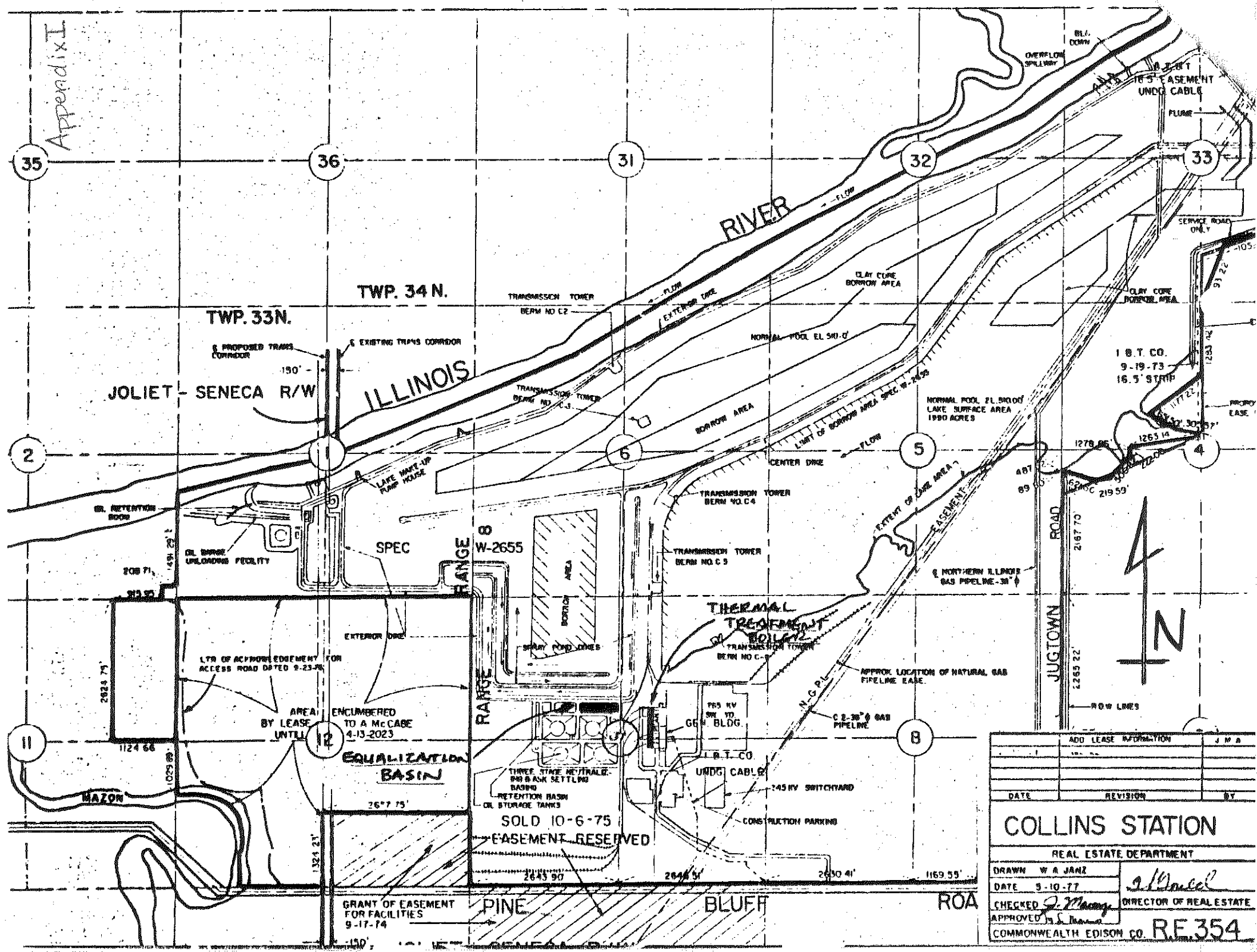








Appendix I



ADD LEASE INFORMATION			J M B
DATE	REVISION	BY	
COLLINS STATION			
REAL ESTATE DEPARTMENT			
DRAWN W A JANZ		 DIRECTOR OF REAL ESTATE	
DATE 9-10-77			
CHECKED J. M. M...			
APPROVED J. J. Dineen		COMMONWEALTH EDISON CO. RE.354	



Modification Date: Feb. 11, 1980  
NPDES Permit No. IL0048143

## ATTACHMENT B-3

## Effluent Limitations and Monitoring

Discharge Number(s): 003

Discharge Name(s): Miscellaneous Wastewater Treatment System (demineralizer regenerate waste, softener regenerate waste, condensate polisher regenerate waste, demineralizer filter backwash, transformer yard runoff, boiler room floor drains, turbine room, floor drains, boiler blowdown and gas side metal cleaning waste).

From effective date of permit until April 1, 1981, the effluent of the above discharge(s) shall be monitored and limited at all times as follows:

PARAMETER	CONCENTRATION LIMITS mg/l		LOAD LIMITS lbs/day (Kg/day)		SAMPLE FREQUENCY	SAMPLE TYPE
	30 DAY AVG.	DAILY MAX.	30 DAY AVG.	DAILY MAX.		
Flow (MGD)					Continuous	
Total Suspended Solids						
		15	81.06(36.85)	162.13 (73.70)	3/Week	Composite
Oil & Grease	15	20	81.06(36.85)	216.17 (98.26)	1/Month	Grab



Page 5

Modification Date: Feb. 11, 1980

NPDES Permit No. IL0048143

ATTACHMENT B-3 CONTINUED

1. Samples taken in compliance with the effluent monitoring requirements shall be taken at a point representative of the discharge but prior to mixing with the cooling ponds.







<b>FORM 1</b> <b>GENERAL</b>		<b>ENVIRONMENTAL PROTECTION AGENCY</b> <b>GENERAL INFORMATION</b> Consolidated Permits Program <i>(Read the "General Instructions" before starting.)</i>	<b>I. EPA I.D. NUMBER</b> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:5%;">5</td> <td style="width:5%;">F</td> <td style="width:5%;">I</td> <td style="width:5%;">L</td> <td style="width:5%;">D</td> <td style="width:5%;">0</td> <td style="width:5%;">0</td> <td style="width:5%;">6</td> <td style="width:5%;">6</td> <td style="width:5%;">5</td> <td style="width:5%;">4</td> <td style="width:5%;">9</td> <td style="width:5%;">7</td> <td style="width:5%;">3</td> <td style="width:5%;">D</td> </tr> </table>	5	F	I	L	D	0	0	6	6	5	4	9	7	3	D
5	F	I	L	D	0	0	6	6	5	4	9	7	3	D				
<b>LABEL ITEMS</b> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:20%;">EPA I.D. NUMBER</td> <td rowspan="4" style="text-align: center; vertical-align: middle; font-size: 24px;">           PLEASE PLACE LABEL IN THIS SPACE         </td> </tr> <tr> <td>III. FACILITY NAME</td> </tr> <tr> <td>V. FACILITY MAILING ADDRESS</td> </tr> <tr> <td>VI. FACILITY LOCATION</td> </tr> </table>			EPA I.D. NUMBER	PLEASE PLACE LABEL IN THIS SPACE	III. FACILITY NAME	V. FACILITY MAILING ADDRESS	VI. FACILITY LOCATION	<b>GENERAL INSTRUCTIONS</b> If a preprinted label has been provided, affix it in the designated space. Review the information carefully; if any of it is incorrect, cross through it and enter the correct data in the appropriate fill-in area below. Also, if any of the preprinted data is absent (the area to the left of the label space lists the information that should appear), please provide it in the proper fill-in area(s) below. If the label is complete and correct, you need not complete Items I, III, V, and VI (except VI-B which must be completed regardless). Complete all items if no label has been provided. Refer to the instructions for detailed item descriptions and for the legal authorizations under which this data is collected.										
EPA I.D. NUMBER	PLEASE PLACE LABEL IN THIS SPACE																	
III. FACILITY NAME																		
V. FACILITY MAILING ADDRESS																		
VI. FACILITY LOCATION																		

**II. POLLUTANT CHARACTERISTICS**

**INSTRUCTIONS:** Complete A through J to determine whether you need to submit any permit application forms to the EPA. If you answer "yes" to any questions, you must submit this form and the supplemental form listed in the parenthesis following the question. Mark "X" in the box in the third column if the supplemental form is attached. If you answer "no" to each question, you need not submit any of these forms. You may answer "no" if your activity is excluded from permit requirements; see Section C of the instructions. See also, Section D of the instructions for definitions of bold-faced terms.

SPECIFIC QUESTIONS	MARK 'X'			SPECIFIC QUESTIONS	MARK 'X'		
	YES	NO	FORM ATTACHED		YES	NO	FORM ATTACHED
A. Is this facility a publicly owned treatment works which results in a discharge to waters of the U.S.? (FORM 2A)		X		B. Does or will this facility (either existing or proposed) include a concentrated animal feeding operation or aquatic animal production facility which results in a discharge to waters of the U.S.? (FORM 2B)		X	
C. Is this a facility which currently results in discharges to waters of the U.S. other than those described in A or B above? (FORM 2C)	X			D. Is this a proposed facility (other than those described in A or B above) which will result in a discharge to waters of the U.S.? (FORM 2D)		X	
E. Does or will this facility treat, store, or dispose of hazardous wastes? (FORM 3)	X			F. Do you or will you inject at this facility industrial or municipal effluent below the lowermost stratum containing, within one quarter mile of the well bore, underground sources of drinking water? (FORM 4)		X	
G. Do you or will you inject at this facility any produced water or other fluids which are brought to the surface in connection with conventional oil or natural gas production, inject fluids used for enhanced recovery of oil or natural gas, or inject fluids for storage of liquid hydrocarbons? (FORM 4)		X		H. Do you or will you inject at this facility fluids for special processes such as mining of sulfur by the Frasch process, solution mining of minerals, in situ combustion of fossil fuel, or recovery of geothermal energy? (FORM 4)		X	
I. Is this facility a proposed stationary source which is one of the 28 industrial categories listed in the instructions and which will potentially emit 100 tons per year of any air pollutant regulated under the Clean Air Act and may affect or be located in an attainment area? (FORM 5)		X		J. Is this facility a proposed stationary source which is NOT one of the 28 industrial categories listed in the instructions and which will potentially emit 250 tons per year of any air pollutant regulated under the Clean Air Act and may affect or be located in an attainment area? (FORM 5)		X	

**III. NAME OF FACILITY**

C	1	SKIP	COLLINS GENERATING STATION	69
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**IV. FACILITY CONTACT**

A. NAME & TITLE (last, first, & title)				B. PHONE (area code & no.)			
C	2	RICCIARDI ANTHONY	STATION SUPT	8	1	5	9

**V. FACILITY MAILING ADDRESS**

A. STREET OR P.O. BOX			
C	3	R R NO 1 PINE BLUFF ROAD	
B. CITY OR TOWN		C. STATE	D. ZIP CODE
C	4	MORRIS	IL 60450

**VI. FACILITY LOCATION**

A. STREET, ROUTE NO. OR OTHER SPECIFIC IDENTIFIER			
C	5	PINEBLUFF AT WINTERBOTTOM	
B. COUNTY NAME		D. STATE	E. ZIP CODE
C	6	GRUNDY	IL 60450
C. CITY OR TOWN		F. COUNTY CODE (if known)	
C	6	MORRIS	063

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11/10/81



## VII. SIC CODES (4-digit, in order of priority)

A. FIRST

C 7 4 9 1 1 (specify)

Electrical Generation &amp; Distribution

B. SECOND

C 7 (specify)

C. THIRD

C 7 (specify)

D. FOURTH

C 7 (specify)

## VIII. OPERATOR INFORMATION

A. NAME

C 8 COMMONWEALTH EDISON COMPANY

B. Is the name listed in Item VIII-A also the owner?

☐ YES ☐ NO

C. STATUS OF OPERATOR (Enter the appropriate letter into the answer box; if "Other", specify.)

F = FEDERAL  
S = STATE  
P = PRIVATEM = PUBLIC (other than federal or state)  
O = OTHER (specify)

P (specify)

D. PHONE (area code &amp; no.)

C 3 1 2 2 9 4 4 4 3 3  
A 15 16 18 19 21 22 23

E. STREET OR P.O. BOX

P O BOX 767 ROOM 1700 E

F. CITY OR TOWN

C B CHICAGO

G. STATE

I L

H. ZIP CODE

6 0 6 9 0

IX. INDIAN LAND

Is the facility located on Indian lands?

☐ YES ☒ NO

## X. EXISTING ENVIRONMENTAL PERMITS

A. NPDES (Discharges to Surface Water)

C 9 N I L 0 0 4 8 1 4 3

D. PSD (Air Emissions from Proposed Sources)

C 9 P

B. UIC (Underground Injection of Fluids)

C 9 U

E. OTHER (specify)

C 9 (specify)

C. RCRA (Hazardous Wastes)

C 9 R

E. OTHER (specify)

C 9 (specify)

## XI. MAP

Attach to this application a topographic map of the area extending to at least one mile beyond property boundaries. The map must show the outline of the facility, the location of each of its existing and proposed intake and discharge structures, each of its hazardous waste treatment, storage, or disposal facilities, and each well where it injects fluids underground. Include all springs, rivers and other surface water bodies in the map area. See instructions for precise requirements.

## XII. NATURE OF BUSINESS (provide a brief description)

Generation and Distribution of Electrical Power

## XIII. CERTIFICATION (see instructions)

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this application and all attachments and that, based on my inquiry of those persons immediately responsible for obtaining the information contained in the application, I believe that the information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

A. NAME &amp; OFFICIAL TITLE (type or print)

James W. Johnson  
Vice President

B. SIGNATURE

JW Johnson

C. DATE SIGNED

11/17/80

## COMMENTS FOR OFFICIAL USE ONLY

C 15 16



<b>FORM 3</b>	<b>EPA</b>	<b>U.S. ENVIRONMENTAL PROTECTION AGENCY</b> <b>HAZARDOUS WASTE PERMIT APPLICATION</b> Consolidated Permits Program <i>(This information is required under Section 3005 of RCRA.)</i>	<b>I. EPA I.D. NUMBER</b> <div style="border: 1px solid black; padding: 2px;">             F I L D 0 0 0 6 6 5 4 9 7 3 1           </div>
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FOR OFFICIAL USE ONLY		COMMENTS
APPLICATION APPROVED	DATE RECEIVED (yr., mo., & day)	

**II. FIRST OR REVISED APPLICATION**

Place an "X" in the appropriate box in A or B below (mark one box only) to indicate whether this is the first application you are submitting for your facility or a revised application. If this is your first application and you already know your facility's EPA I.D. Number, or if this is a revised application, enter your facility's EPA I.D. Number in Item I above.

<b>A. FIRST APPLICATION</b> (place an "X" below and provide the appropriate date) <input checked="" type="checkbox"/> <b>1. EXISTING FACILITY</b> (See instructions for definition of "existing" facility. Complete item below.) <div style="display: flex; justify-content: space-between;"> <div style="width: 20%;"> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 10%;">YR.</td><td style="width: 10%;">MO.</td><td style="width: 10%;">DAY</td></tr> <tr><td>8</td><td>7</td><td>5</td></tr> </table> </div> <div style="width: 80%;">           FOR EXISTING FACILITIES, PROVIDE THE DATE (yr., mo., &amp; day) OPERATION BEGAN OR THE DATE CONSTRUCTION COMMENCED (use the boxes to the left)         </div> </div>	YR.	MO.	DAY	8	7	5	<input type="checkbox"/> <b>2. NEW FACILITY</b> (Complete item below.) <div style="display: flex; justify-content: space-between;"> <div style="width: 20%;"> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 10%;">YR.</td><td style="width: 10%;">MO.</td><td style="width: 10%;">DAY</td></tr> <tr><td> </td><td> </td><td> </td></tr> </table> </div> <div style="width: 80%;">           FOR NEW FACILITIES, PROVIDE THE DATE (yr., mo., &amp; day) OPERATION BEGAN OR IS EXPECTED TO BEGIN         </div> </div>	YR.	MO.	DAY			
YR.	MO.	DAY											
8	7	5											
YR.	MO.	DAY											

**III. PROCESSES - CODES AND DESIGN CAPACITIES**

**A. PROCESS CODE** - Enter the code from the list of process codes below that best describes each process to be used at the facility. Ten lines are provided for entering codes. If more lines are needed, enter the code(s) in the space provided. If a process will be used that is not included in the list of codes below, then describe the process (including its design capacity) in the space provided on the form (Item III-C).

**B. PROCESS DESIGN CAPACITY** - For each code entered in column A enter the capacity of the process.

- AMOUNT** - Enter the amount.
- UNIT OF MEASURE** - For each amount entered in column B(1), enter the code from the list of unit measure codes below that describes the unit of measure used. Only the units of measure that are listed below should be used.

PROCESS	PRO-CESS CODE	APPROPRIATE UNITS OF MEASURE FOR PROCESS DESIGN CAPACITY	PROCESS	PRO-CESS CODE	APPROPRIATE UNITS OF MEASURE FOR PROCESS DESIGN CAPACITY
<b>Storage:</b>			<b>Treatment:</b>		
CONTAINER (barrel, drum, etc.)	S01	GALLONS OR LITERS	TANK	T01	GALLONS PER DAY OR LITERS PER DAY
TANK	S02	GALLONS OR LITERS	SURFACE IMPOUNDMENT	T02	GALLONS PER DAY OR LITERS PER DAY
WASTE PILE	S03	CUBIC YARDS OR CUBIC METERS	INCINERATOR	T03	TONS PER HOUR OR METRIC TONS PER HOUR; GALLONS PER HOUR OR LITERS PER HOUR
SURFACE IMPOUNDMENT	S04	GALLONS OR LITERS	OTHER (Use for physical, chemical, thermal or biological treatment processes not occurring in tanks, surface impoundments or incinerators. Describe the processes in the space provided; Item III-C.)	T04	GALLONS PER DAY OR LITERS PER DAY
<b>Disposal:</b>					
INJECTION WELL	D79	GALLONS OR LITERS			
LANDFILL	D80	ACRE-FEET (the volume that would cover one acre to a depth of one foot) OR HECTARE-METER			
LAND APPLICATION	D81	ACRES OR HECTARES			
OCEAN DISPOSAL	D82	GALLONS PER DAY OR LITERS PER DAY			
SURFACE IMPOUNDMENT	D83	GALLONS OR LITERS			

UNIT OF MEASURE	UNIT OF MEASURE CODE	UNIT OF MEASURE	UNIT OF MEASURE CODE	UNIT OF MEASURE	UNIT OF MEASURE CODE
GALLONS	G	LITERS PER DAY	V	ACRE-FEET	A
LITERS	L	TONS PER HOUR	D	HECTARE-METER	F
CUBIC YARDS	Y	METRIC TONS PER HOUR	W	ACRES	B
CUBIC METERS	C	GALLONS PER HOUR	E	HECTARES	Q
GALLONS PER DAY	U	LITERS PER HOUR	H		

**EXAMPLE FOR COMPLETING ITEM III** (shown in line numbers X-1 and X-2 below): A facility has two storage tanks, one tank can hold 200 gallons and the other can hold 400 gallons. The facility also has an incinerator that can burn up to 20 gallons per hour.

S	C	T/A	C	I	
					D U P

LINE NUMBER	A. PRO-CESS CODE (from list above)	B. PROCESS DESIGN CAPACITY		FOR OFFICIAL USE ONLY	LINE NUMBER	A. PRO-CESS CODE (from list above)	B. PROCESS DESIGN CAPACITY		FOR OFFICIAL USE ONLY
		1. AMOUNT (specify)	2. UNIT OF MEASURE (enter code)				1. AMOUNT	2. UNIT OF MEASURE (enter code)	
X-1	S 0 2	600	G		5				
X-2	T 0 3	20 999999999	E		6				
1	T 0 2	4,300,000 999999999	U		7				
2	T 0 4	4,000,000	U		8				
3					9				
4					10				

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 11/3/81



**III. PROCESSES (continued)**

**C. SPACE FOR ADDITIONAL PROCESS CODES** . . . . . **FOR DESCRIBING OTHER PROCESSES (code "T")** . . . . . **FOR EACH PROCESS ENTERED HERE INCLUDE DESIGN CAPACITY.**

In the steam power industry it is necessary to produce large volumes of highly pure water. To do this, raw water is purified by the ion exchange process called demineralization. In the process, water is passed through beds of ion exchange resin beads. When these resins become exhausted it is necessary to regenerate them with sodium hydroxide and sulfuric acid solutions. The solution strengths range from one to six percent by weight. Because of the various quantities used, the mixed regenerant wastes can often be outside the pH range of 2.0 to 12.5, making it a hazardous waste. At Collins Station these wastes are routed to an equalization basin where they are mixed with various other non-hazardous wastes before treatment and final discharge.

**IV. DESCRIPTION OF HAZARDOUS WASTES**

**A. EPA HAZARDOUS WASTE NUMBER** — Enter the four-digit number from 40 CFR, Subpart D for each listed hazardous waste you will handle. If you handle hazardous wastes which are not listed in 40 CFR, Subpart D, enter the four-digit number(s) from 40 CFR, Subpart C that describes the characteristics and/or the toxic contaminants of those hazardous wastes.

**B. ESTIMATED ANNUAL QUANTITY** — For each listed waste entered in column A estimate the quantity of that waste that will be handled on an annual basis. For each characteristic or toxic contaminant entered in column A estimate the total annual quantity of all the non-listed waste(s) that will be handled which possess that characteristic or contaminant.

**C. UNIT OF MEASURE** — For each quantity entered in column B enter the unit of measure code. Units of measure which must be used and the appropriate codes are:

**ENGLISH UNIT OF MEASURE** . . . . . **CODE**  
 POUNDS . . . . . P  
 TONS . . . . . T

**METRIC UNIT OF MEASURE** . . . . . **CODE**  
 KILOGRAMS . . . . . K  
 METRIC TONS . . . . . M

If facility records use any other unit of measure for quantity, the units of measure must be converted into one of the required units of measure taking into account the appropriate density or specific gravity of the waste.

**D. PROCESSES****1. PROCESS CODES:**

**For listed hazardous waste:** For each listed hazardous waste entered in column A select the code(s) from the list of process codes contained in Item III to indicate how the waste will be stored, treated, and/or disposed of at the facility.

**For non-listed hazardous wastes:** For each characteristic or toxic contaminant entered in column A, select the code(s) from the list of process codes contained in Item III to indicate all the processes that will be used to store, treat, and/or dispose of all the non-listed hazardous wastes that possess that characteristic or toxic contaminant.

**Note:** Four spaces are provided for entering process codes. If more are needed: (1) Enter the first three as described above; (2) Enter "000" in the extreme right box of Item IV-D(1); and (3) Enter in the space provided on page 4, the line number and the additional code(s).

**2. PROCESS DESCRIPTION:** If a code is not listed for a process that will be used, describe the process in the space provided on the form.

**NOTE: HAZARDOUS WASTES DESCRIBED BY MORE THAN ONE EPA HAZARDOUS WASTE NUMBER** — Hazardous wastes that can be described by more than one EPA Hazardous Waste Number shall be described on the form as follows:

1. Select one of the EPA Hazardous Waste Numbers and enter it in column A. On the same line complete columns B, C, and D by estimating the total annual quantity of the waste and describing all the processes to be used to treat, store, and/or dispose of the waste.
2. In column A of the next line enter the other EPA Hazardous Waste Number that can be used to describe the waste. In column D(2) on that line enter "included with above" and make no other entries on that line.
3. Repeat step 2 for each other EPA Hazardous Waste Number that can be used to describe the hazardous waste.

**EXAMPLE FOR COMPLETING ITEM IV (shown in line numbers X-1, X-2, X-3, and X-4 below)** — A facility will treat and dispose of an estimated 900 pounds per year of chrome shavings from leather tanning and finishing operation. In addition, the facility will treat and dispose of three non-listed wastes. Two wastes are corrosive only and there will be an estimated 200 pounds per year of each waste. The other waste is corrosive and ignitable and there will be an estimated 100 pounds per year of that waste. Treatment will be in an incinerator and disposal will be in a landfill.

LINE NO.	A. EPA HAZARDOUS WASTE NO. (enter code)	B. ESTIMATED ANNUAL QUANTITY OF WASTE	C. UNIT OF MEASURE (enter code)	D. PROCESSES	
				1. PROCESS CODES (enter)	2. PROCESS DESCRIPTION (if a code is not entered in D(1))
X-1	K 0 5 4	900	P	T 0 3 D 8 0	
X-2	D 0 0 2	400	P	T 0 3 D 8 0	
X-3	D 0 0 1	100	P	T 0 3 D 8 0	
X-4	D 0 0 2				included with above



EPA I.D. NUMBER (enter from page 1)													FOR OFFICIAL USE ONLY												
W I L D 0 0 0 6 6 5 4 9 7 3 1													W DUP 3 2 DUP												
DESCRIPTION OF HAZARDOUS WASTES (continued)													D. PROCESSES												
LINE NO.	A. EPA HAZARD. WASTE NO. (enter code)	B. ESTIMATED ANNUAL QUANTITY OF WASTE	C. UNIT OF MEASURE (enter code)	1. PROCESS CODES (enter)												2. PROCESS DESCRIPTION (if a code is not entered in D(1))									
				27	28	29	27	28	29	27	28	29	27	28	29										
1	D 0 0 2	183,200 <del>000</del>	T	T	0	2																			
2	F 0 0 1	*		T	0	4									See IV E										
3	F 0 0 2	*		T	0	4									See IV E										
4	F 0 0 3	*		T	0	4									See IV E										
5	F 0 0 4	*		T	0	4									See IV E										
6	F 0 0 5	*		T	0	4									See IV E										
7																									
8																									
9																									
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25																									
26																									



\*This is one of three facilities within our system having a capability to thermally treat an annual system quantity of 107 tons. The maximum treated at this particular facility could range between 0 and 107 tons.

[illegible]

4	1	2	1	1	5
65	66	67	68	69	71

<del>6</del>	8	8	2	5	<del>0</del>	<del>0</del>	
72	-	74	75	76	77	-	79

## COMMONWEALTH EDISON COMPNAY

3 1 2 - 2 9 4 - 4 4 3 3

3. STREET OR P.O. BOX

4. CITY OR TOWN

5. ST.

6. ZIP CODE

P.O. BOX 767, ROOM 1700E

CHICAGO

IL

6 0 6 9 0

A. NAME (print or type)  
James W. Johnson  
Vice President

B. SIGNATURE

C. DATE SIGNED

A. NAME (print or type)  
James W. Johnson  
Vice President

B. SIGNATURE

C. DATE SIGNED \_\_\_\_\_



**Commonwealth Edison**  
72 West Adams Street, Chicago, Illinois  
Address Reply to: Post Office Box 767  
Chicago, Illinois 60690

June 18, 1982

*g. t. s. o. p. a.*

CERTIFIED MAIL

Karl J. Klepitsch, Jr., Chief  
Waste Management Branch  
U.S. Environmental Protection Agency  
111 West Jackson Boulevard  
Chicago, Illinois 60604  
Attn: 5HW-TUB

Subject: Collins Generating Station  
Groundwater Monitoring  
EPA Facility ID #ILD000665497 *gms*

Dear Mr. Klepitsch:

This is in response to your letter of June 7, 1982, regarding groundwater monitoring requirements for the hazardous waste treatment surface impoundment at Collins Generating Station. This facility, which treated demineralizer regenerant waste, would have been subject to groundwater monitoring requirements which became effective November 19, 1981. However, the facility was closed prior to that date. The notification of closure, including the closure plan, was sent to then Acting Regional Administrator Adamkus on May 12, 1981. The certification of closure was sent to Administrator Adamkus May 17, 1982. These documents fulfilled the requirements under 40 CFR Section 265 Subpart G. Because the hazardous waste treatment facility at Collins Generating Station was closed when the Subpart F Groundwater Monitoring requirements became effective, this facility is not now, nor has it even been, subject to these requirements. Accordingly, no groundwater monitoring readings will be submitted.

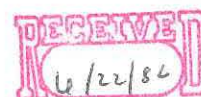
Should you have any questions, please feel free to call Angela Jankousky of my staff at 312/294-4458.

Sincerely,

Thomas E. Hemminger  
Director of Water Quality

4672a  
ALJ:TEH:ds

cc: James Brossman - USEPA











# Dames & Moore



1550 Northwest Highway  
Park Ridge, Illinois 60068  
(312) 297-6120  
TWX: 910-253-4097 Cable address: DAMEMORE

May 17, 1982

Commonwealth Edison Company  
c/o Environmental Affairs  
Post Office Box 767  
Room 1700  
Chicago, IL 60690

Attention: J. H. Hughes

Gentlemen:

Re: Report - Sediment Sampling  
Collins Station Equalization Basin  
Morris, Illinois  
For Commonwealth Edison Company

This letter report describes the procedures and results of soft sediment sampling performed for Commonwealth Edison Company at the Collins Generating Station located near Morris, Illinois. The scope of our services was planned in collaboration with Ms. A. L. Jankousky of Commonwealth Edison Company, and authorized under Purchase Order No. 736606, dated March 2, 1982.

Sediment samples were collected on April 13, 1982 at four locations in the Collins Station Equalization Basin No. 1, shown on the attached plot plan. The samples were collected by advancing a 2.5 inch diameter tube by pushing and/or driving. Sample recovery was aided by means of the fixed piston technique. Water depth, length of tube advancement, and sample recovery were recorded by our engineer at the time of sampling, and are presented on Table 1 - Sediment Sampling Data.

The materials collected at each sampling station were composited and placed in glass sample jars provided by Commonwealth Edison Company. The samples were inventoried and custody accorded to Ms. Jankousky on April 13, 1982.







Commonwealth Edison Company  
May 17, 1982  
Page -2-

TABLE 1  
SEDIMENT SAMPLING DATA

<u>SAMPLE LOCATION</u>	<u>WATER DEPTH (inches)</u>	<u>TUBE ADVANCED (inches)</u>	<u>RECOVERED LENGTH (inches)</u>
1	14	40	38
2	8	47	44
3	7	47	45
4	1	61	59

--00000--

It has been a pleasure to serve you on this project. Please do not hesitate to contact us if you have any questions or require additional information.

Very truly yours,

DAMES & MOORE

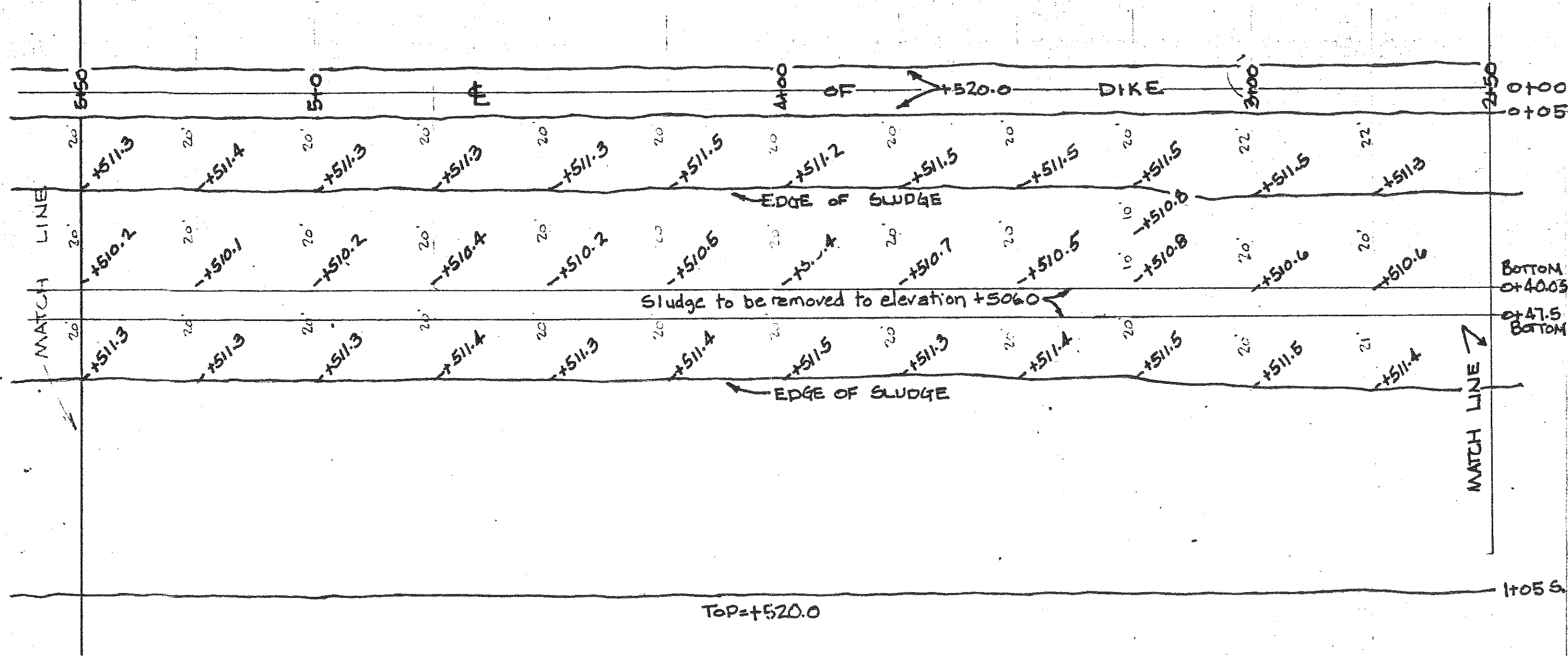
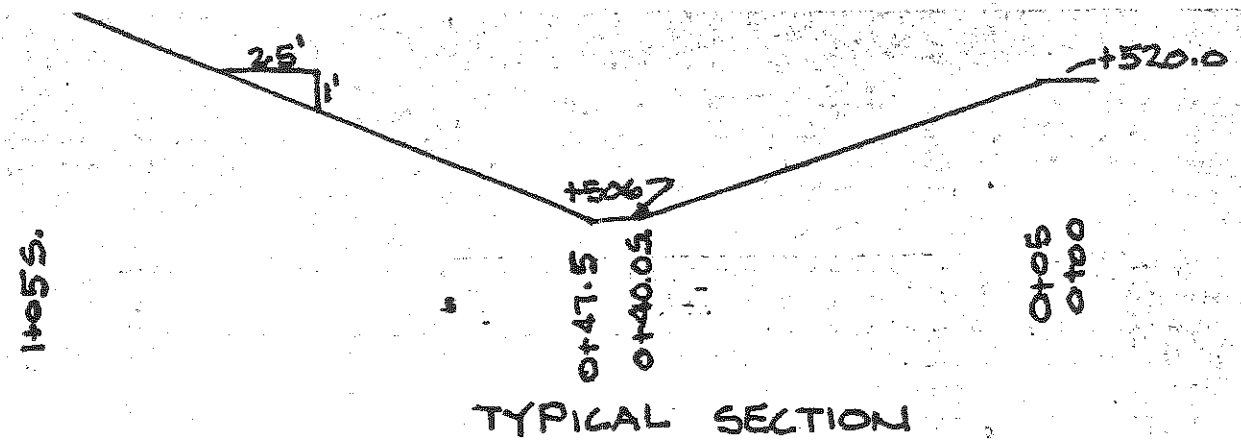
William J. Babcock, P.E.  
Senior Engineer

WJB:id

Attachment



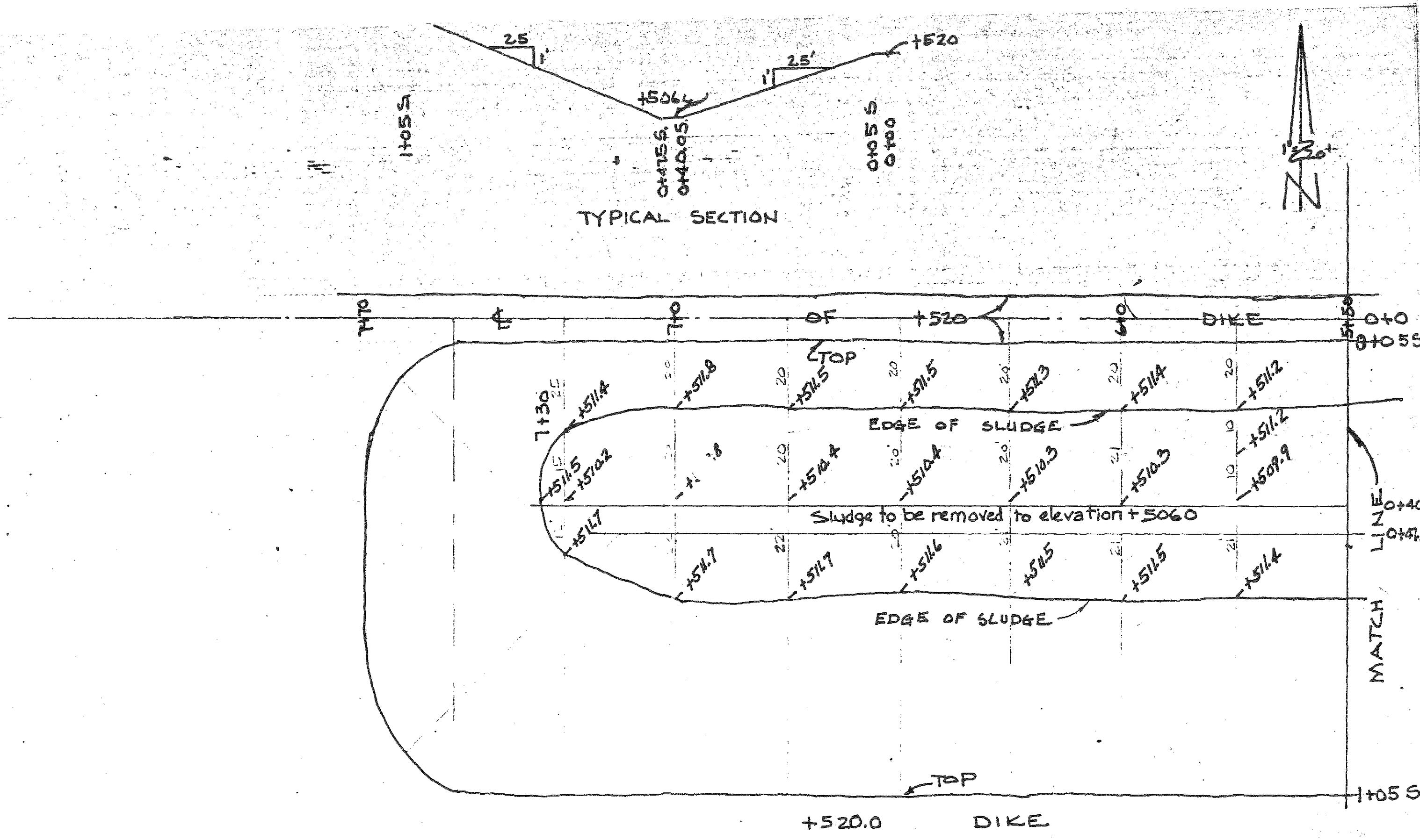




COLLINS STATION POND #1

20+3





COLLINS STATION POND #1



## Solid Waste Analysis

### Equalization Basin #1 Core Composite Collins Station

<u>Parameter</u>	<u>Result</u>
% Solids	28.8
pH (10% Slurry of Dried Sample)	12.1
% Alkalinity (as CaCO <sub>3</sub> , Original Sample)	36.2
Flashpoint (°F)	> 200

<u>Metal</u>	<u>E.P. Toxicity (mg/l)</u>
Arsenic, As	0.012
Barium, Ba	2
Cadmium, Cd	0.08
Chromium, Cr	0.1
Copper, Cu	0.09
Lead, Pb	0.8
Mercury, Hg	0.0011
Nickel, Ni	1.47
Selenium, Se	0.004
Silver, Ag	0.04
Zinc, Zn	1.26

**A.4 Closure/  
Post-Closure**

JUN 09 1986

~~ALS~~ INFORMATION UNIT  
File in  
PART A

Commonwealth Edison/Collins Station/ILD 000665497

Y.J. Kim, Acting Chief  
Technical Programs Section (5HS-13)

William E. Muno, Chief  
RCRA Enforcement Section (5HE-12)

Your May 12, 1986, memorandum concerning the closure/withdrawal of the Commonwealth Edison Collins Station facility has been forwarded to Illinois EPA. As you know, Illinois EPA has received final authorization for the pre-1984 RCRA program, which includes withdrawals and closures.

You may want to consider requesting Illinois EPA's Compliance Section to conduct an inspection of the facility, since you have concerns over the facility's regulatory status. It would appear inappropriate for us to reopen a withdrawal decision we made prior to Illinois authorization. Illinois would, we believe, have the right and responsibility to re-evaluate this facility's status based on your concerns and a re-examination of company records.

Thank you for advising us of this potential problem.

5HS-13:J.Mayka:fr:6/3/86

J.B.  
6/5/86

	TYPE	AUTH.	IL. CHIEF	IN. CHIEF	MI. CHIEF	MN/WI CHIEF	OH. CHIEF	TPS CHIEF	WMB CHIEF	WMA CHIEF
DATE FILE	PC 6/4/86		Am 6/5/86					CPK 6/5/86		



JUN 05 1986

5HS-13

Lawrence Eastep, Manager  
Permit Section, DLPC  
Illinois EPA  
2200 Churchill Road  
Springfield, Illinois 62706

Re: Commonwealth Edison  
Collins Station  
ILD 000665497

Dear Mr. Eastep:

We are forwarding for your consideration, a memorandum from our Hazardous Waste Enforcement Branch concerning the above-referenced facility.

If you have questions, you may call me or call Joe Boyle directly.

Sincerely,

James N. Mayka, Chief  
Illinois Technical Programs Unit

Enclosure

cc: Mike Nechvetal w/enclosure

bcc: Joe Boyle

5HS-13:J.Mayka:fr:6/3/86

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
REGION V

May 12  
In Unit

DATE: MAY 12 1986

SUBJECT: Commonwealth Edison, Collins Station  
ILD 000 665 497

FROM: William E. Muno, Chief  
RCRA Enforcement Section

Wm. E. Muno

TO: Y. J. Kim, Acting Chief  
Technical Programs Section, 5HS-13

RECEIVED  
MAY 12 1986  
SOLID WASTE BRANCH  
U.S. EPA REGION V

Our Section recently reviewed the Part A file for the above referenced land disposal facility. This review raised a number of concerns in the permit/closure area which we believe need to be resolved.

1. The facility submitted a closure plan to U.S. Environmental Protection Agency on May 12, 1981, and submitted a closure certification on May 17, 1982. The closure plan was never public noticed nor approved.
2. On May 31, 1985, U.S. EPA sent the facility a letter approving the withdrawal of the Part A application based on a 40 CFR 261.4 exemption. We were unable to determine any basis for the issuance of this letter. Perhaps the basis was U.S. EPA's policy extending the exemption of 261.4(b)(4) to mineralizer regenerant waste co-treated with fly ash, bottom ash, slag, or flue gas emission control sludges. Nothing in the file substantiates that such co-treatment took place in the holding ponds which were the subject of the closure plan. If co-treatment did take place, the closure plan would have been unnecessary.
3. The facility's management practice of the demineralizer regenerant waste changed after "closure" to that of beneficial use i.e. scale control for intake water. The May 31, 1985, letter makes no mention of the 261.6(a) exemption as a basis for allowing withdrawal of the Part A because of this practice.
4. The facility is burning hazardous waste solvents in its boiler. The facility must submit a notification for this activity, and obtain a storage permit if the solvents are stored for more than 90 days prior to burning.

We are currently carrying the subject facility on our list of land disposal facilities as a "clean closure". If your review and clarification of this matter concludes that RCRA (and closure) was never applicable to the operation of any surface impoundment at the facility, please inform me so that I may correct our listing.

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10/10/10

-2-

Walter Francis is the RES contact on the matter; he can be reached at 3-4921.  
Thank you for your assistance.

cc: Art Kawatachi, 5HS-13





MAY 12 1986

Commonwealth Edison, Collins Station  
ILD 000 665 497

William E. Muno, Chief  
RCRA Enforcement Section

ORIGINAL SIGNED BY  
WILLIAM E. MUNO

Y. J. Kim, Acting Chief  
Technical Programs Section, 5HS-13

Our Section recently reviewed the Part A file for the above referenced land disposal facility. This review raised a number of concerns in the permit/closure area which we believe need to be resolved.

1. The facility submitted a closure plan to U.S. Environmental Protection Agency on May 12, 1981, and submitted a closure certification on May 17, 1982. The closure plan was never public noticed nor approved.
2. On May 31, 1985, U.S. EPA sent the facility a letter approving the withdrawal of the Part A application based on a 40 CFR 261.4 exemption. We were unable to determine any basis for the issuance of this letter. Perhaps the basis was U.S. EPA's policy extending the exemption of 261.4(b)(4) to mineralizer regenerant waste co-treated with fly ash, bottom ash, slag, or flue gas emission control sludges. Nothing in the file substantiates that such co-treatment took place in the holding ponds which were the subject of the closure plan. If co-treatment did take place, the closure plan would have been unnecessary.
3. The facility's management practice of the demineralizer regenerant waste changed after "closure" to that of beneficial use i.e. scale control for intake water. The May 31, 1985, letter makes no mention of the 261.6(a) exemption as a basis for allowing withdrawal of the Part A because of this practice.
4. The facility is burning hazardous waste solvents in its boiler. The facility must submit a notification for this activity, and obtain a storage permit if the solvents are stored for more than 90 days prior to burning.

We are currently carrying the subject facility on our list of land disposal facilities as a "clean closure". If your review and clarification of this matter concludes that RCRA (and closure) was never applicable to the operation of any surface impoundment at the facility, please inform me so that I may correct our listing.

Walter Francis is the RES contact on the matter; he can be reached at 3-4921.  
Thank you for your assistance.

cc: Art Kawatachi, 5HS-13

5HE-12:Walter:lr:3-4921:5/5/86:#12

INT. DATE	TYPE	AUTHOR	OTHER STAFF	UNIT CHIEF	POST. CLERK	SEC. CLERK	FILE	
5/8/86	LL	WF 5/8/86		g MB 5/8/86		WEM 5/9/86		

INT. DATE	OTHER STAFF	SEC. CLERK	UNIT CHIEF	AUTHOR	FILE	

file



Illinois Environmental Protection Agency · 2200 Churchill Road, Springfield, IL 62706

217/782-6762

Refer to: 0630605006 -- Grundy County  
Commonwealth Edison/Morris, Illinois  
ILD 000665497

May 24, 1985

Ms. Edith M. Ardiente, P.E.  
Chief, Technical Program Section  
U.S. Environmental Protection Agency  
Region V  
230 South Dearborn Street  
Chicago, Illinois 60604

Dear Ms. Ardiente:

This Agency has received an inquiry from Commonwealth Edison regarding their RCRA status. As best we can determine from talking to Wendy Mouche of Commonwealth Edison and Wayne Pearson of the USEPA, the following events have occurred:

May 21, 1981 -- Commonwealth Edison sent a closure plan for approval to the USEPA.

May 17, 1982 -- Commonwealth Edison sent the certification of closure to the USEPA.

June 4, 1982 -- Commonwealth Edison sent the certification of closure to the IEPA.

From talking to Wayne Pearson, it does not appear that the USEPA ever public noticed the plan, approved their closure plan or responded to the certification of closure. For this reason, the company is still carried on the USEPA records as a regulated TSD. The company is wondering what they need to do to be deleted from the system as a TSD.

In order for the IEPA to formally close the facility under Interim Status authority, it appears we would have to require the company to submit their closure plan to us, public notice the closure, hold a public hearing (if requested), and review the plan to ensure it is adequate. Hopefully, the plan would be adequate and we could approve it, ask for certifications, inspect the facility and issue the final closure acknowledgement letter. However, the IEPA review of the plan could result in rejection if it is inadequate.

We are seeking your input as to how we should proceed and whether:

1. The USEPA ever public noticed the closure plan in accordance with 265.112(d);





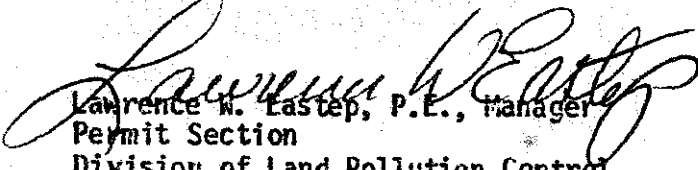


Page 2

2. The USEPA ever approved or modified the plan in accordance with 265.112(d);
3. The USEPA ever responded to the certification of closure.

We would appreciate your response as soon as possible so that we may notify the facility of what additional steps must be taken, if any.

Very truly yours,

  
Lawrence W. Eastep, P.E., Manager  
Permit Section  
Division of Land Pollution Control

LWE:HAC:sd/11502/25-26

cc: Northern Region  
Division File  
HAC







**Commonwealth Edison**

72 West Adams Street, Chicago, Illinois  
Address Reply to: Post Office Box 767  
Chicago, Illinois 60690 - 0767

April 18, 1986

PRC Engineering  
303 E. Wacker Drive, Suite 600  
Chicago, IL 60601  
Attn: Edward Schuesslur

RECEIVED

APR 22 1986

U.S. EPA, REGION V  
WASTE MANAGEMENT DIVISION  
HAZARDOUS WASTE ENFORCEMENT BRANCH

Re: **Collins Generating Station**  
**#ILD000665497**

Dear Mr. Schuesslur:

Per your request during the April 7, 1986 inspection of the closed demineralizer regenerant waste treatment system at Collins Station, the following copies of correspondence relative to the closure plan are enclosed. We understand that this information was requested to complete and update the Collins RCRA file for the U.S. Environmental Protection Agency.

A. **Closure Plan Transmittal Letter**

**May 12, 1981:** To Valdas Adamkus, USEPA, from T. E. Hemminger, Commonwealth Edison Company (CECo.)

B. **Closure Plan Approval Letter**

Although no response was received from the USEPA regarding the closure plan submitted on May 12, 1981, the following correspondence is provided which documents that USEPA has acknowledged closure of the demineralizer regenerant waste treatment system at Collins Station and has withdrawn the Part A permit. In addition, correspondence from the Illinois Environmental Protection Agency (IEPA) which confirms that there are no further obligations concerning the facility closure is also provided.

October 13, 1982: To A. Jankousky (CECo) from Kenneth P. Bechly, IEPA

May 31, 1985: To J. W. Johnson, CECo., from David A. Stringham, USEPA

September 16, 1985: To Harry Chappel, IEPA from T. E. Hemminger, CECo.

October 1, 1985: To T. E. Hemminger, CECo., from Lawrence W. Eastep, IEPA

C. **Closure Plan Certification Letter**

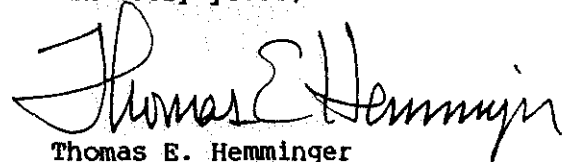
**May 17, 1982:** To Valdas V. Adamkus, USEPA, from T. E. Hemminger, CECo.

June 4, 1982: To Richard J. Carlson, IEPA, from T. E. Hemminger, CECo.



In the future, we would appreciate your cooperation by scheduling in advance any meeting or inspection at Commonwealth Edison's facilities. You may call me at (312)294-4433 to arrange a time.

Sincerely yours,

A handwritten signature in dark ink, appearing to read "Thomas E. Hemminger". The signature is fluid and cursive, with the first name "Thomas" being the most prominent.

Thomas E. Hemminger  
Director of Water Quality

9282E

JAF:TEH:pp

cc: William Muno, USEPA







# Environmental Protection Agency

1701 S. First Street Maywood, IL 60153

312/345-9780

Refer to: General - Grundy County - Morris/Collins Generating Station  
ILD000665497

October 13, 1982

Commonwealth Edison  
72 W. Adams Street  
P.O. Box 767  
Chicago, Illinois 60690

Attn: Angela Jankousky

Gentlemen:

An inspection of your facility was conducted by a representative of the Illinois Environmental Protection Agency (IEPA) on June 23, 1982. The purpose of the inspection was to determine your facility's compliance with the Environmental Protection Act, Ill. Rev. Stat. 1982, Ch. 111 1/2, pars. 101 et seq., as amended, and regulations adopted by the Illinois Pollution Control Board.

The Collins Generating Station has notified the USEPA of closure of their treatment basin and has requested withdrawal of their Part A form. The Collins Station is currently not regulated under 35 Ill. Adm. Code 720 through 725.

Your cooperation and efforts in this matter are appreciated. Should you have any questions, please contact Rick Peterson at the above number.

Sincerely,

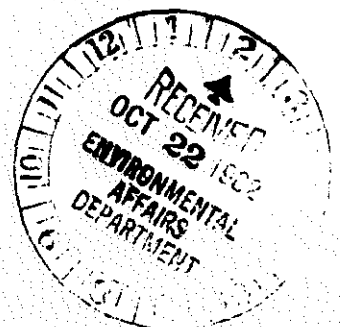
A handwritten signature in dark ink, appearing to read "Kenneth P. Bechely".

Kenneth P. Bechely, Northern Region Manager  
Field Operations Section  
Division of Land Pollution Control

KPB:RJP:prb

Enclosure: Inspection Report

cc: Division File  
Northern Region  
USEPA - Region V





## Collins Closure Plan

EPA Facility I.D. Number: ILD000665497  
Owned and Operated by: Commonwealth Edison Company  
72 W. Adams  
Chicago, Illinois 60690  
Facility Name: Collins Generating Station  
Facility Address: R. R. #1 Pine Bluff Road  
Morris, Illinois 60450

### Demineralizer Regenerant Waste Treatment System

#### I. Facility Conditions

##### A. General Information

1. The two holding ponds located at Collins Generating Station which receive demineralizer regenerant waste have a total surface area of 114,000 square feet.

See Appendix I for facility location map.

2. The total volume which can be contained in the two impoundments is 3,000,000 gallons.
3. The treatment occurring in the ponds is holding and some limited auto-neutralization of demineralizer regenerant waste. The pH of the waste varies from slightly caustic to very acidic. At certain times during the regeneration cycle, the influent to the tank will drop below a pH of 2. For this reason, the demineralizer regenerant waste is pumped from the holding basins to the miscellaneous waste treatment system where it and several other non-hazardous wastes are treated in two clarifiers. The pH is neutralized by the addition of hydrated lime.
4. The effluent from the miscellaneous waste treatment system is discharged to Collins Cooling Lake under NPDES Permit IL048143 Discharge 003. This permit is found in Appendix II. Collins Cooling Lake has the capability to blow down to the Illinois River. No discharge from the Lake to the River has yet occurred.

##### B. Maximum Inventory of Waste

The most waste ever on site would be 3,000,000 gallons. This would occur if the demineralizer regenerant waste receiving ponds were entirely filled with waste with a pH less than 2.



### C. Inventory of Auxiliary Equipment

The auxiliary treatment equipment consists of four 450 gallon per minute pumps which drain the basins into the waste treatment system where two clarifiers provide primary treatment and neutralization.

### D. The Schedule of Final Closure

1. The last wastes will be accepted sometime in the fall of 1981; after this time, the demineralizer regenerant wastes will be pumped to an equalization basin and from there to the intake canal, where their addition will facilitate scale control. Then the waste will qualify as a hazardous waste which is being used, reused, recycled, or reclaimed according to 40 CFR Part 261.6(A) and is therefore not subject to regulation under Parts 262 through 265.
2. The last wastes received by the holding basins from the demineralizer regenerant system will be treated in the miscellaneous waste treatment system within two weeks of their reception.
3. At this time it will be demonstrated in accordance with Section 261.3(C) and (D) that none of the materials remaining are hazardous.
4. The total time required for closure will be two weeks.

### II. Removing All Inventory

- A. The maximum amount of waste on site will be 3,000,000 gallons.
- B. The procedure for treating the waste is neutralization with caustic. 3,000,000 gallons of waste will require no more than seven tons of hydrated lime.

### III. Note

Decontaminating the facility will not be required because it will be demonstrated that no materials remaining on site are hazardous.

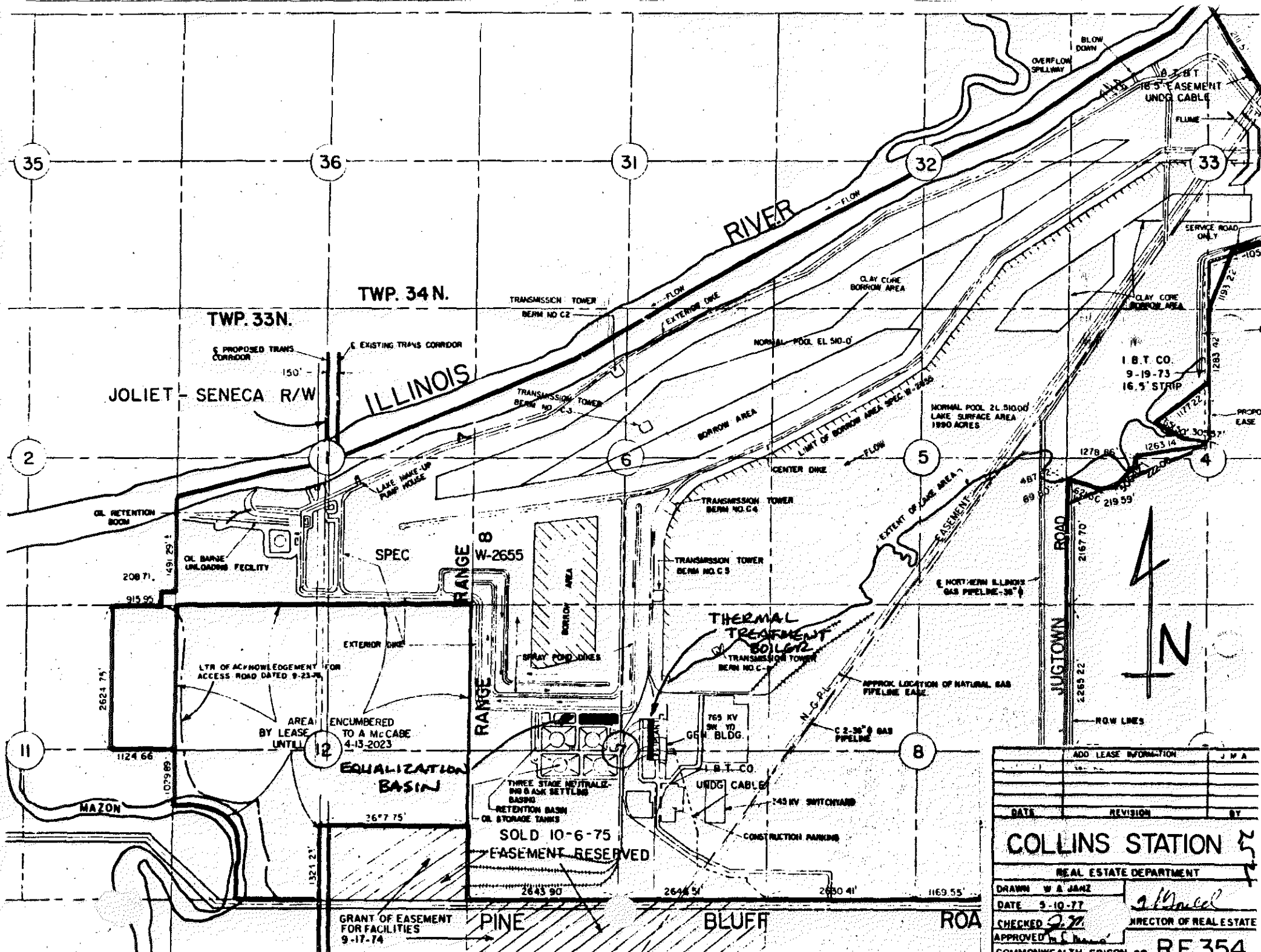
### IV. Closure Certification Schedule

This schedule begins about November 1, 1981.

Time (Days from Start)	Activity
0	Last wastes pass through the demineralizer
2	Lines from the demineralizer to ponds are rinsed with clear water
0-7	Wastes are neutralized with lime in the miscellaneous waste treatment system
7	The samples for soil analysis are collected
14	Lab results confirm no hazardous waste remain on site; independent registered professional engineer certifies that closure has proceeded according to this closure plan







ADD LEASE INFORMATION			J M A
DATE	REVISION	BY	
<b>COLLINS STATION</b>			
REAL ESTATE DEPARTMENT			
DRAWN W & JANZ			
DATE 9-10-77			
CHECKED <i>[Signature]</i> DIRECTOR OF REAL ESTATE			
APPROVED <i>[Signature]</i>			
COMMONWEALTH EDISON CO. R.E.354			

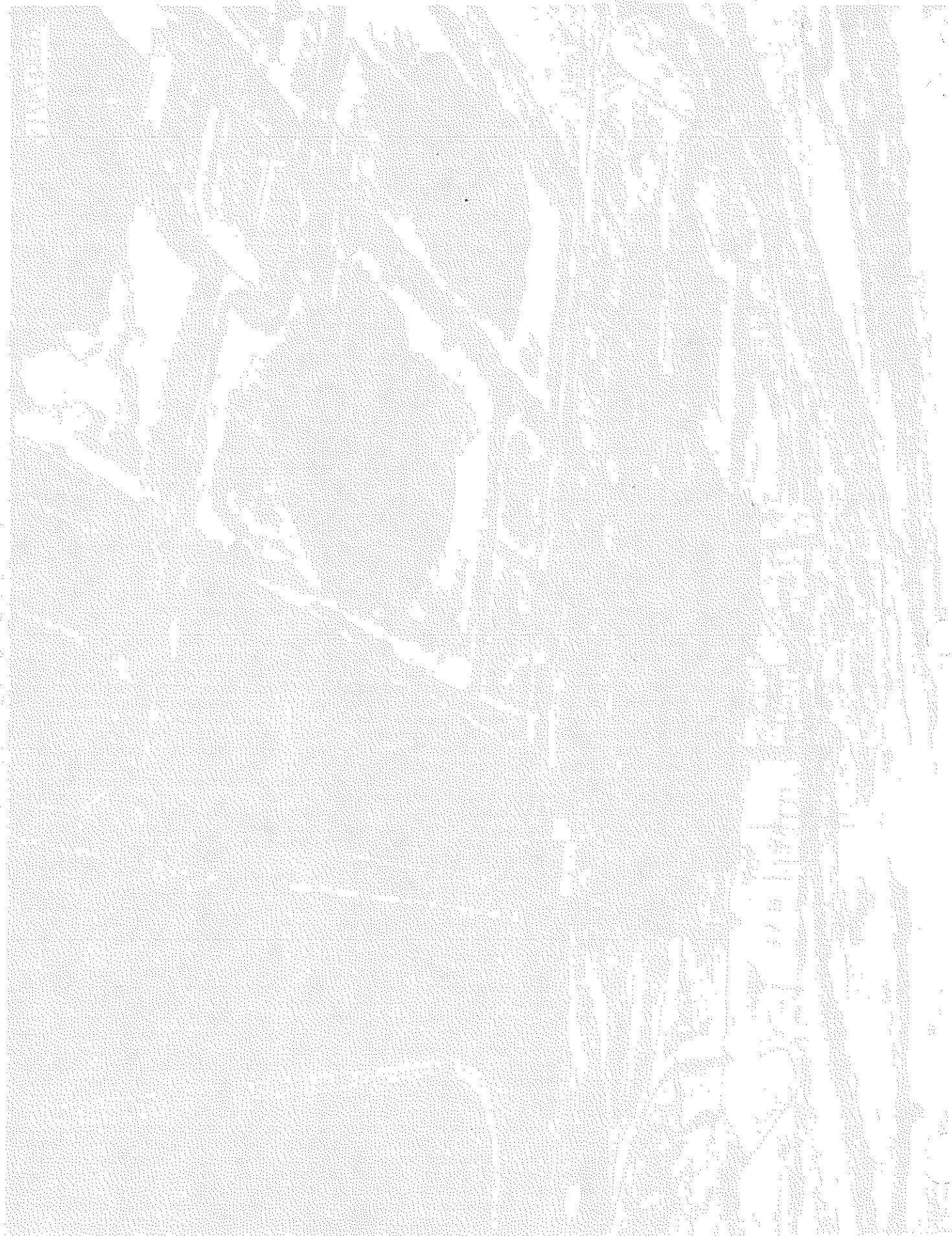


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A3/6/99BII

COLLINS EQUALIZATION









**Commonwealth Edison**  
72 West Adams Chicago, Illinois  
Address Reply to Post Office Box 767  
Chicago, Illinois 60690

copy to Bob Stone 5/19  
Original to April K

May 12, 1981

CERTIFIED MAIL

Valdas V. Adamkus  
Acting Regional Administrator  
U.S. Environmental Protection  
Agency  
230 South Dearborn Street  
Chicago, Illinois 60604

RECEIVED  
MAY 18 1981  
WASTE MANAGEMENT BRANCH  
EPA REGION IV

Subject: Attached Closure Plan for  
Hazardous Waste Facility

Dear Mr. Adamkus:

Attached, please find the closure plan for the demineralizer regenerant waste treatment system at Collins Generating Station, an oil-fired station in the Commonwealth Edison system. The generating station itself will continue normal operations, but the demineralizer regenerant waste will be treated in a fashion which will qualify for exclusion under 40 CFR Part 261.6(a).

We are submitting this plan in accordance with the interim standards, Part 265 as this treatment facility is expected to be closed before November 19, 1981. Angela Libby of my staff would be pleased to answer any questions with respect to this plan at 312/294-4458.

Sincerely,

Thomas E. Hemminger  
Director of Water Quality

AEL:TEH:ds  
Attachment

REQUEST

MAY 20 1981

MAY 20 1981





Commonwealth Edison

72 West Adams Street, Chicago, Illinois

Address Reply to: Post Office Box 767  
Chicago, Illinois 60690

May 17, 1982

*G.T.S.D.P.A*

CERTIFIED MAIL

Valdas V. Adamkus  
Regional Administrator  
U.S. Environmental Protection  
Agency  
230 South Dearborn Street  
Chicago, Illinois 60604

RECEIVED

MAY 25 1982

WASTE MANAGEMENT BRANCH  
EPA, REGION V

Subject: Certification of Closure for Collins Generating  
Station's Demineralizer Regenerant Waste  
Treatment System - EPA Facility ID# ILD000665497 *gmb*

Dear Mr. Adamkus:

This letter is to fulfill the requirements of 40 CFR Section 265.115 for certification of closure of the hazardous waste treatment facility at Collins Generating Station. The following are attached:

1. A certification of closure signed by the facility operator and an independent registered professional engineer;
2. A drawing of the equalization basin showing the sampling locations;
3. A detailed drawing of the basin (3 pages);
4. A report describing the sampling of the sludge remaining in the pond; and
5. The results of the analysis of the sludge.

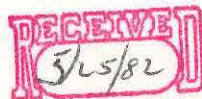
Should you have any questions, please call Angela Jankousky of my staff at 312/294-4458.

Sincerely,

*Thomas E. Hemminger*

Thomas E. Hemminger  
Director of Water Quality

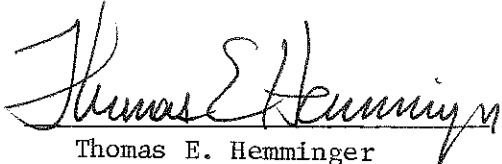
4125a  
ALJ:TEH:ds  
Attachment






Certification of Closure  
Collins Generating Station  
EPA I.D. # ILD000665497  
Demineralizer Regenerant Waste Treatment Facility

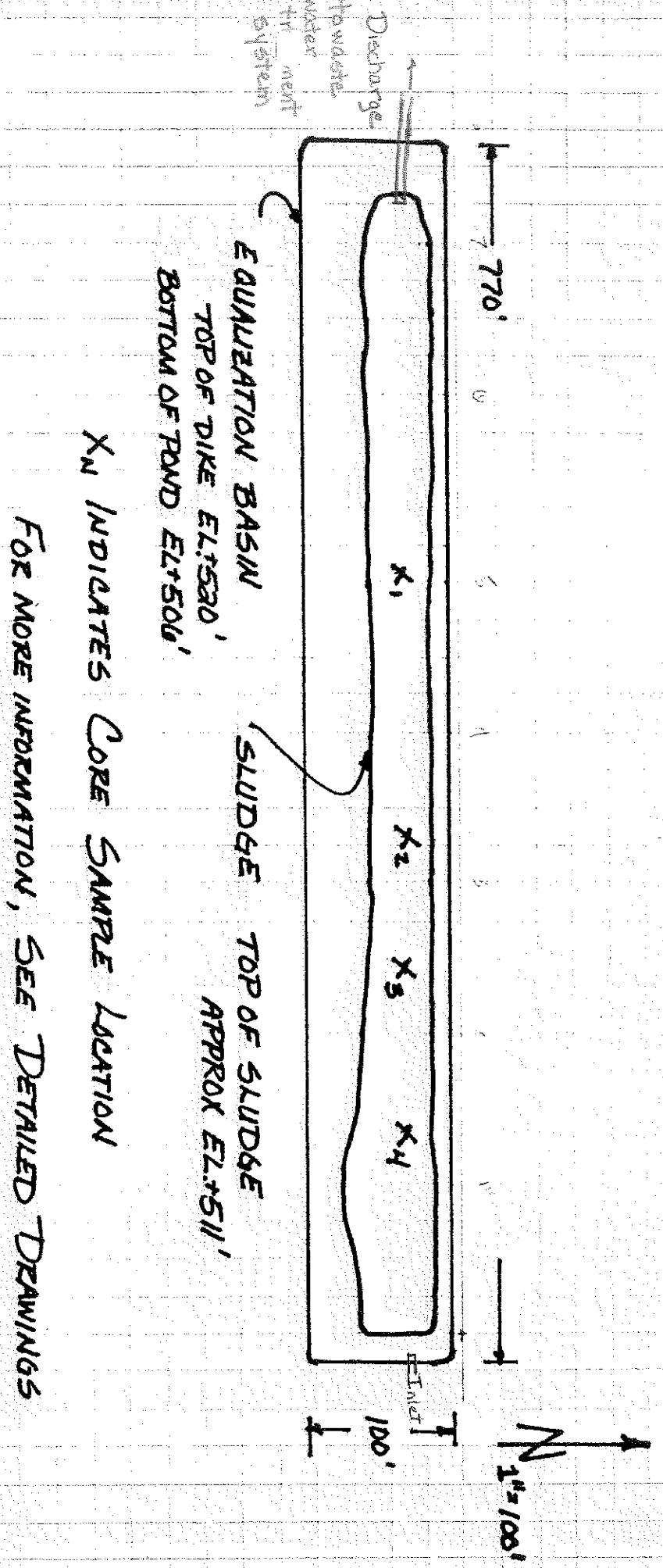
I certify that closure of the Collins Station Demineralizer Regenerant Waste Treatment Facility occurred as follows. The demineralizer regenerant waste was rerouted from equalization basin #1 to the plant intake canal, thus qualifying for the 40 CFR Part 260.10 definition of a totally enclosed waste treatment facility. The last demineralizer regenerant wastes which entered the basin have been neutralized in the wastewater treatment system and the sludge which remains in the basin has been analyzed and found to be not hazardous.

Operator:   
Thomas E. Hemminger  
Director of Water Quality

Certifying Engineer:   
William J. Babcock, P.E.  
Dames & Moore  
Senior Engineer







FOR MORE INFORMATION, SEE DETAILED DRAWINGS



**C.2 Compliance/  
Enforcement**





Commonwealth Edison  
Collins Generating Station  
#ILD 000665497

### Chronology of Events

Nov. 18, 1980	Comm Edison submits Part A T02, T04 to U.S.EPA
May 12, 1981	Letter from CE to U.S. EPA Closure Plan for demineralizer Regenerant waste treatment system - Exclusion under 40 CFR 261.6(a)
Oct. 16, 1981	Letter from U.S.EPA Art Kawatachi - Application Incomplete.
Nov. 12, 1981	Letter from CE to U.S.EPA Part A Application "complete" T02, T04, D002, F001, F002, F003, F004, F005.
Dec. 23, 1981	Letter from CE to U.S.EPA Notification of unnecessary Permit application - ceased operation Nov. 19, 1981 Oil Fired burner exclusion 40 CFR 261.2(c)(2)
Apr. 23, 1982	Letter from U.S.EPA to CE Interim Status acknowledgement.
May 17, 1982	Letter from CE to U.S.EPA Certification of Closure - Demineralizer Regenerant Waste Treatment System - 40 CFR Part 260.10 - Totally enclosed waste treatment facility Sludge in surface impoundment found to be "not hazardous"
June 4, 1982	Letter from CE to IEPA Regarding letter to U.S.EPA certifying closure.
June 7, 1982	Letter from U.S.EPA to CE Regarding Ground Water Monitoring.
June 18, 1982	Letter from CE to U.S.EPA Not subject to Subpart F Ground Water Monitoring- certification of closure. sent to U.S.EPA May 17, 1982 ??????
Oct. 13, 1982	Letter from IEPA to CE Regarding inspection June 23, 1982 (Rick Peterson, IEPA) Not regulated under 35 Ill AC 720-725.
May 24, 1985	Letter from IEPA to U.S.EPA Regarding status of CE from Harry Chappel
May 31, 1985	Letter from U.S.EPA to CE 40 CFR 261.4 Exemption - withdrawal of Part A "No Permit Required" ???

Commonwealth Edison  
Collins Generating Station  
#ILD 000665497

### Chronology of Events

Sept. 16, 1985	Letter from CE to IEPA Regarding not subject to RCRA Requirements under 264 and 265 based on U.S.EPA findings on May 31, 1985.
Oct. 1, 1985 <sup>2</sup>	Letter from IEPA to CE No longer subject to requirements of 40 CFR part 264 and 265 Harry Chappel IEPA

### Findings:

- 1) CE - T02 certified closed May 17, 1982.
- 2) U.S.EPA never approved closure, never public noticed.
- 3) Waste entered surface impoundment after Nov., 1981  
\* subject to Ground Water monitoring part 265.  
\* No Wells but should have.
- 4) see attached 12/23/81 letter and closure plan/date.

### Conclusion

The May 31, 1985 letter from U.S.EPA to CE regarding the Collins Generating Station "Exemption" (from Horst W.) seems to have been in error.

Facility should put wells in.

U.S.EPA/IEPA should investigate "closed" system now in use.



Planning Research Corporation

**PRC Engineering**

Suite 500  
111 East Wacker Drive  
Chicago, IL 60601  
312-938-0300  
TWX 910-2215112  
Telex CONTOWENG

**COMMONWEALTH EDISON CO., COLLINS GENERATING STATION**

**(ILD 000 665 497)**

**U.S. EPA REGION 5**

**LOSS OF INTERIM STATUS INSPECTION**

**REPORT-CHECKLIST**

Prepared for

**U.S. ENVIRONMENTAL PROTECTION AGENCY**  
Office of Waste Programs Enforcement  
Washington, D.C. 20460

Work Assignment No. : 507  
EPA Region : V  
Site No. : ILD 000 665 497  
Date Prepared : May 29, 1986  
Contract No. : 68-01-7037  
PRC No. : 15-5070-00  
Prepared By : PRC Engineering  
(Daniel T. Chow)  
Telephone No. : 312/938-0300 ext. 429  
EPA Primary Contact : William E. Muno  
Telephone No. : 312/886-4434

**ENFORCEMENT  
CONFIDENTIAL**

**PREPARED WORK PRODUCT PREPARED  
IN ANTICIPATION OF LITIGATION**



# INSPECTION CHECKLIST

## LOIS INSPECTIONS - REGION 5

Facility Name: Commonwealth Edison Co., Collins Generating Station

Site I.D.: ILD 000 665 497

Inspection Date: April 7, 1986

Inspector(s): Ed Schuessler and Jean Desruisseaux

<u>Completed</u>	<u>Not Required</u>	<u>Item</u>	<u>Page</u>
<u>X</u>	<u>          </u>	General Information	B-1
<u>X</u>	<u>          </u>	Summary Report	C-1
<u>X</u>	<u>          </u>	Notes, Other Observations, and Recommendations	D-1
<u>X</u>	<u>          </u>	List of Site Contacts	E-1
<u>X</u>	<u>          </u>	List of Site Documents	F-1
<u>X</u>	<u>          </u>	List of Inspected Waste Management Units	G-1
<u>          </u>	<u>X</u>	Inspection Questionnaire	H-3



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### GENERAL INFORMATION

Facility I.D. Number: ILD 000 665 497

Facility Name: Commonwealth Edison, Collins Generating Station

Facility Contact (Name and Title): Teresa J. Smith, Regulatory Compliance Eng.

Facility Contact (Phone): 815/942-4500

Facility Mailing Address:

(Street) P.O. Box 767

(City) Chicago

(State) Illinois

(Zip) 60690

Facility Location:

(Street) R. R. #1 Pine Bluff Road

(City) Morris

(County) Grundy

(State) Illinois

(Zip) 60450



**SUMMARY REPORT**

Facility Name: Commonwealth Edison Co., Collins Generating Station

**PART A APPLICATION STATUS**

Submitted	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No
Additions	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
Deletions	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No

**3007 U.S. EPA REQUEST LETTER**

Received	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
Response	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No

**LOIS CERTIFICATION**

Submitted	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
-----------	--------------------------	-----	-------------------------------------	----

**CLOSURE PLAN**

(Place number of waste management units in the appropriate box)

Submitted	<input type="text" value="1"/>	Yes	<input type="text"/>	No
Approved	<input type="text" value="1"/>	Yes	<input type="text"/>	No
Implemented	<input type="text" value="1"/>	Yes	<input type="text"/>	No
Certified Closure	<input type="text" value="1"/>	Yes	<input type="text"/>	No









**NOTES, OTHER OBSERVATIONS AND RECOMMENDATIONS**

The Collins Generating Station produces electricity. The nature of its operation  
(that is how it produces electricity) has not changed since at least 1981 (I(1)).

The facility used to neutralize its demineralized regeneration process waste-  
water in a surface impoundment. The process was changed in 1982 to a closed  
system and closure of the surface impoundment as a hazardous waste treatment  
unit was certified by William J. Babcock, P.E. (R (2)). The surface impoundment  
is still in use, but it does not receive hazardous waste. Commonwealth Edison  
requested the withdrawal of its Part A application; this was granted by the U.S.  
EPA in May 1985 (R (4)).



**LIST OF SITE CONTACTS**

	Name	Title	Telephone
1.	<u>Teresa J. Smith</u>	<u>Regulatory Compliance Eng.</u>	<u>815/942-4500</u>
2.	<u></u>	<u></u>	<u></u>
3.	<u></u>	<u></u>	<u></u>
4.	<u></u>	<u></u>	<u></u>
5.	<u></u>	<u></u>	<u></u>
6.	<u></u>	<u></u>	<u></u>
7.	<u></u>	<u></u>	<u></u>

11/11/2020 11:11:11 AM

11/11/2020 11:11:11 AM

11/11/2020

11/11/2020

11/11/2020

11/11/2020

11/11/2020

11/11/2020

**LIST OF SITE DOCUMENTS**

6. Title Letter, To: Commonwealth Edison, Re: Part A Withdrawal  
Author L. Eastep, IEPA  
Date October 1, 1985 Number of Pages 1
7. Title \_\_\_\_\_  
Author \_\_\_\_\_  
Date \_\_\_\_\_ Number of Pages \_\_\_\_\_
8. Title \_\_\_\_\_  
Author \_\_\_\_\_  
Date \_\_\_\_\_ Number of Pages \_\_\_\_\_
9. Title \_\_\_\_\_  
Author \_\_\_\_\_  
Date \_\_\_\_\_ Number of Pages \_\_\_\_\_
10. Title \_\_\_\_\_  
Author \_\_\_\_\_  
Date \_\_\_\_\_ Number of Pages \_\_\_\_\_





**LIST OF SITE DOCUMENTS**

1. Title Letter, To: U.S. EPA, Re: Closure Plan  
Author T. Hemminger, Commonwealth Edison  
Date May 12, 1981 Number of Pages 1
2. Title Letter, To: IEPA, Re: Certification of Closure  
Author T. Hemminger, Commonwealth Edison  
Date June 4, 1982 Number of Pages 2
3. Title Letter, To: A. Jankousky, Commonwealth Edison  
Author K. Bechely, IEPA  
Date October 13, 1982 Number of Pages 1
4. Title Letter, To: Commonwealth Edison, Re: Part A Withdrawal  
Author David Stringham, U.S. EPA  
Date May 31, 1985 Number of Pages 1
5. Title Letter, To: IEPA, Re: Part A Withdrawal  
Author T. Hemminger, Commonwealth Edison  
Date September 16, 1985 Number of Pages 1





Commonwealth Edison  
72 West Adams Street, Chicago, Illinois  
Address Reply to: Post Office Box 767  
Chicago, Illinois 60690

Site ID Number ILD 000 665 497  
Document No. 1

May 12, 1981

CERTIFIED MAIL

Valdas V. Adamkus  
Acting Regional Administrator  
U.S. Environmental Protection  
Agency  
230 South Dearborn Street  
Chicago, Illinois 60604

Subject: Attached Closure Plan for  
Hazardous Waste Facility

Dear Mr. Adamkus:

Attached, please find the closure plan for the demineralizer regenerant waste treatment system at Collins Generating Station, an oil-fired station in the Commonwealth Edison system. The generating station itself will continue normal operations, but the demineralizer regenerant waste will be treated in a fashion which will qualify for exclusion under 40 CFR Part 261.6(a).

We are submitting this plan in accordance with the interim standards, Part 265 as this treatment facility is expected to be closed before November 19, 1981. Angela Libby of my staff would be pleased to answer any questions with respect to this plan at 312/294-4458.

Sincerely,

Thomas E. Hemminger  
Director of Water Quality

AEL:TEH:ds  
Attachment



**LIST OF INSPECTED WASTE MANAGEMENT UNITS**

U.S. EPA  
Process  
Code/Unit

Field Observations

1. S04

Impoundment is in use, but according  
to Ms. Smith, it does not receive  
hazardous waste. Water in the  
impoundment is clear and free  
of any oily sheen.

2. \_\_\_\_\_

3. \_\_\_\_\_















**Commonwealth Edison**

72 West Adams Street, Chicago, Illinois

Address Reply to: Post Office Box 767  
Chicago, Illinois 60690

Site ID Number ILD 000 665 497  
Document No. 2

June 4, 1982

CERTIFIED MAIL

Dr. Richard J. Carlson, Director  
Illinois Environmental Protection Agency  
2200 Churchill Road  
Springfield, Illinois 62706

Subject: Certification of Closure under Section 725.215  
Collins Generating Station EPA I.D. #ILD000665497  
Demineralizer Regenerant Waste Treatment System

Dear Dr. Carlson:

Enclosed please find the certification of closure for Collins Generating Station's demineralizer regenerant waste treatment system. This information was provided to the United States Environmental Protection Agency on May 18, 1982. Due to the granting of interim authorization to the Illinois Environmental Protection Agency, and the concurrent activation of Illinois Resource Conservation and Recovery Act regulations on May 17, 1982, we find that this certification of closure should be submitted to you. Should you have any questions with regard to this matter, please call Angela Jankousky of my staff at (312) 294-4458.

Sincerely,



Thomas E. Hemminger

ALJ:TEH:sj



Document No. 9



Page 1

Document No. 9

Document No. 9

Document No. 9

Document No. 9

Document No. 9

Document No. 9

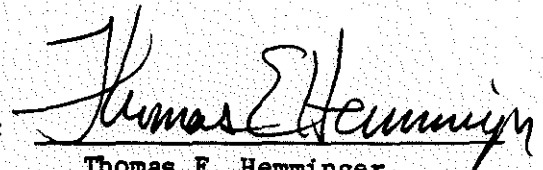
Document No. 9

Document No. 9

Certification of Closure  
Collins Generating Station  
EPA I.D. # ILD000665497  
Demineralizer Regenerant Waste Treatment Facility

I certify that closure of the Collins Station Demineralizer Regenerant Waste Treatment Facility occurred as follows. The demineralizer regenerant waste was rerouted from equalization basin #1 to the plant intake canal, thus qualifying for the 40 CFR Part 260.10 definition of a totally enclosed waste treatment facility. The last demineralizer regenerant wastes which entered the basin have been neutralized in the wastewater treatment system and the sludge which remains in the basin has been analyzed and found to be not hazardous.

Operator:



Thomas E. Hemminger  
Director of Water Quality

Certifying Engineer:

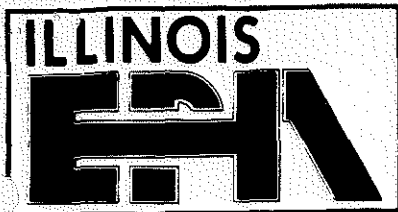


William J. Babcock, P.E.  
Dames & Moore  
Senior Engineer









# Environmental Protection Agency

1701 S. First Street Maywood, IL 60153

Site ID Number ILD 000 665 497  
Document No. 3

312/345-9780

Refer to: General - Grundy County - Morris/Collins Generating Station  
ILD000665497

October 13, 1982

Commonwealth Edison  
72 W. Adams Street  
P.O. Box 767  
Chicago, Illinois 60690

Attn: Angela Jankousky

Gentlemen:

An inspection of your facility was conducted by a representative of the Illinois Environmental Protection Agency (IEPA) on June 23, 1982. The purpose of the inspection was to determine your facility's compliance with the Environmental Protection Act, Ill. Rev. Stat. 1982, Ch. 111 1/2, pars. 101 et seq., as amended, and regulations adopted by the Illinois Pollution Control Board.

The Collins Generating Station has notified the USEPA of closure of their treatment basin and has requested withdrawal of their Part A form. The Collins Station is currently not regulated under 35 Ill. Adm. Code 720 through 725.

Your cooperation and efforts in this matter are appreciated. Should you have any questions, please contact Rick Peterson at the above number.

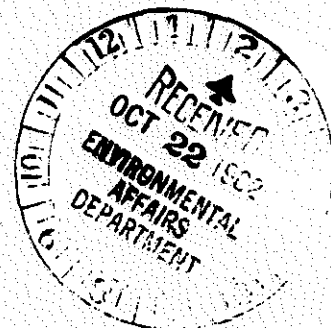
Sincerely,

Kenneth P. Bechely, Northern Region Manager  
Field Operations Section  
Division of Land Pollution Control

KPB:RJP:prb

Enclosure: Inspection Report

cc: Division File  
Northern Region  
USEPA - Region V













UNITED STATES  
ENVIRONMENTAL PROTECTION AGENCY  
REGION 5  
RCRA ACTIVITIES  
P.O. BOX A3587  
CHICAGO, ILLINOIS 60690

MAY 31 1985

5HS-JCK-13

James W. Johnson, Vice President  
Commonwealth Edison Co., Collins Gen. Sta.  
P.O. Box 767  
Chicago, Illinois 60690

RE: Withdrawal of Part A (Exempted Waste)  
FACILITY NAME: Commonwealth Edison Co., Collins Gen. Sta.  
U.S. EPA ID NO.: ILD 000665497

Dear Mr. Johnson:

This is to acknowledge that we have completed our review of your Part A Hazardous Waste Permit Application and your December 23, 1981 letter requesting withdrawal of your Application. According to the information you have submitted, your facility treats, stores or disposes of wastes listed in 40 CFR Part 261.4 (enclosed) which are exempt from regulations at this time.

It is the opinion of this office, based on the information submitted, that your facility is not required to have a Hazardous Waste Permit under Section 3005 of the Resource Conservation and Recovery Act at this time. Please be advised that you must comply with all applicable State and local requirements.

You will retain your United States Environmental Protection Agency identification number, if you notified as a generator or transporter of hazardous waste.

Please contact the Authorization and Information Section at (312) 886-6148 for assistance, if you have any questions. Please refer to "Withdrawal of Part A (Exempted Wastes)," in all correspondence on this matter.

Sincerely,

A handwritten signature in cursive script, reading "David Stringham", is written over a horizontal line.  
David A. Stringham  
Acting Chief, Solid Waste Branch

Enclosure

cc: Larry Estep, IEPA  
Ken Bechely, IEPA/FOS











**Commonwealth Edison**

72 West Adams Street, Chicago, Illinois  
Address Reply to: Post Office Box 767  
Chicago, Illinois 60690 - 0767

September 16, 1985

**CERTIFIED MAIL**

Harry Chappel  
Manager, Facilities Permitting Unit  
Illinois Environmental Protection  
Agency  
2200 Churchill Road  
Springfield, Illinois 62706

Subject: USEPA Withdrawal of Part A (Exempted Waste)  
Collins Generating Station  
Illinois Generator Number: 0630605006

Dear Mr. Chappel:

The USEPA has acknowledged by letter dated May 31, 1985 (copy attached), its determination that Commonwealth Edison Company's Collins Generating Station is not required to have a RCRA Section 3005 hazardous waste permit and has withdrawn the Collins Part A permit.

This letter is to confirm with you that because of your determination and the withdrawal of the Part A Permit, the Collins facility is not subject to continuing RCRA requirements under 40 CFR Parts 264 and 265 with respect to hazardous waste treatment facilities, except those specific requirements applicable to generators of hazardous waste. On this basis, we believe there are no further obligations concerning the closure of the demineralizer regenerant waste treatment system. In accordance with your offer to our Counsel, would you please follow-up this letter with a confirmation of your own.

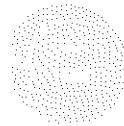
If you need additional information, please contact Judy Freitag of my staff at 312/294-3016.

Sincerely,

Thomas E. Hemminger  
Director of Water Quality

7924B  
JAF:TEH:dd  
Attachment

It has been found that the  
information furnished by the  
applicant is not sufficient  
to determine the eligibility  
of the applicant for the  
award of a patent.



Very truly yours,

Respectfully,

Very truly yours,  
Special Agent in Charge,  
Patent Office,  
Department of Agriculture,  
Washington, D.C.

Very truly yours,  
Special Agent in Charge,  
Patent Office,  
Department of Agriculture,  
Washington, D.C.

Very truly yours,

Very truly yours,  
Special Agent in Charge,  
Patent Office,  
Department of Agriculture,  
Washington, D.C.

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Patent Office,  
Department of Agriculture,  
Washington, D.C.

Very truly yours,  
Special Agent in Charge,  
Patent Office,  
Department of Agriculture,  
Washington, D.C.







Illinois Environmental Protection Agency · 2200 Churchill Road, Springfield, IL 62706

217/782-6762

Refer to: 0630000000 -- Grundy Co. General  
Collins/Commonwealth Edison  
ILD000665497

October 1, 1985

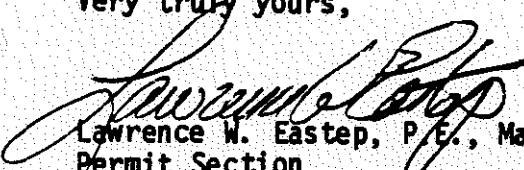
Thomas E. Hemminger  
Commonwealth Edison  
Post Office Box 767  
Chicago, Illinois 60690-0767

Dear Mr. Hemminger:

This is in response to your letter of September 16, 1985 regarding withdrawal of your Part A Permit by the USEPA. It would appear, based on the May 31, 1985 withdrawal letter from the USEPA, that your facility is no longer subject to the requirements of 40 CFR Parts 264 and 265.

Should you have any questions regarding the above, please contact Harry Chappel of my staff.

Very truly yours,

  
Lawrence W. Eastep, P. E., Manager  
Permit Section  
Division of Land Pollution Control

LWE:HAC:sd/2366e/13

cc: Northern Region (W/Att.)  
H. Chappel (W/Att.)  
Compliance Section (Att.)

1. The first part of the document is a letter from the President of the United States to the Congress, dated January 1, 1861.

2. The second part of the document is a report from the Secretary of the Interior, dated January 1, 1861.



3. The third part of the document is a report from the Secretary of the Treasury, dated January 1, 1861.

4. The fourth part of the document is a report from the Secretary of the War, dated January 1, 1861.

5. The fifth part of the document is a report from the Secretary of the Navy, dated January 1, 1861.

6. The sixth part of the document is a report from the Secretary of the State, dated January 1, 1861.

7. The seventh part of the document is a report from the Secretary of the Interior, dated January 1, 1861.

8. The eighth part of the document is a report from the Secretary of the Treasury, dated January 1, 1861.

9. The ninth part of the document is a report from the Secretary of the War, dated January 1, 1861.

10. The tenth part of the document is a report from the Secretary of the Navy, dated January 1, 1861.

11. The eleventh part of the document is a report from the Secretary of the State, dated January 1, 1861.

12. The twelfth part of the document is a report from the Secretary of the Interior, dated January 1, 1861.



RCRA INSPECTION REPORT - INTERIM STATUS STANDARDS  
TREATMENT, STORAGE, AND DISPOSAL FACILITIES  
Form A - General Facility Standards

I. General Information:

- (A) Facility Name: Collins Generating Station  
(B) Street: R.R. #1 Pine Bluff Road  
(C) City: Morris (D) State: Illinois (E) Zip Code: 60450  
(F) Phone: (815) 942-4500 (G) County: Grundy  
(H) Operator: Commonwealth Edison  
(I) Street: 72 West Adams P.O. Box 767  
(J) City: Chicago (K) State: IL (L) Zip Code: 60690  
(M) Phone: (312) 294-4458 (N) County: Cook  
(O) Owner: same as operator  
(P) Street: \_\_\_\_\_  
(Q) City: \_\_\_\_\_ (R) State: \_\_\_\_\_ (S) Zip Code: \_\_\_\_\_  
(T) Phone: \_\_\_\_\_ (U) County: \_\_\_\_\_  
(V) Date of Inspection: June 23, 1982 (W) Time of Inspection (From) 10<sup>00</sup>A (To) 11<sup>00</sup>A  
(X) Weather Conditions: ~75°, sunny

THE UNIVERSITY OF CHICAGO  
DEPARTMENT OF CHEMISTRY  
RESEARCH REPORT

RESEARCH REPORT

- (1) The first part of the report describes the experimental procedure used in the study.
- (2) The second part of the report describes the results of the study.
- (3) The third part of the report describes the discussion of the results.
- (4) The fourth part of the report describes the conclusions of the study.
- (5) The fifth part of the report describes the references.
- (6) The sixth part of the report describes the appendix.
- (7) The seventh part of the report describes the summary.
- (8) The eighth part of the report describes the acknowledgments.
- (9) The ninth part of the report describes the distribution of the report.
- (10) The tenth part of the report describes the distribution of the report.
- (11) The eleventh part of the report describes the distribution of the report.
- (12) The twelfth part of the report describes the distribution of the report.
- (13) The thirteenth part of the report describes the distribution of the report.
- (14) The fourteenth part of the report describes the distribution of the report.
- (15) The fifteenth part of the report describes the distribution of the report.
- (16) The sixteenth part of the report describes the distribution of the report.
- (17) The seventeenth part of the report describes the distribution of the report.
- (18) The eighteenth part of the report describes the distribution of the report.
- (19) The nineteenth part of the report describes the distribution of the report.
- (20) The twentieth part of the report describes the distribution of the report.

(Y) Person(s) Interviewed

Title

Telephone

James Ambre

Superintendent

815-942-4500

Alan Robertson

Group Engineer

"

Angela Jankousky

Environment Engineer

312-294-4458

(Z) Inspection Participants

Agency/Title

Telephone

Rick Peterson

IEPA/ERS I

312-345-9780

(AA) Preparer Information

Name

Agency/Title

Telephone

same

## II. SITE ACTIVITY:

Complete sections I through VII for all treatment, storage, and/or disposal facilities. Complete the forms (in parenthesis) in section VIII corresponding to the site activities identified below:

- A. Storage and/or Treatment
1. Containers (I)
  2. Tanks (J)
  3. Surface Impoundments (K)
  4. Waste Piles (L)

     B. Land Treatment (M)

     C. Landfills (N)

     D. Incineration and/or Thermal Treatment  
(O and P)

     E. Chemical, Physical, and Biological  
Treatment (Q)

Note: If facility is also a generator or transporter of hazardous waste complete sections IX and X of this form as appropriate.

1. The first part of the report is a general introduction to the project. It describes the purpose of the study, the objectives, and the scope of the work. It also provides a brief overview of the methodology used in the study.

2. The second part of the report is a detailed description of the methodology used in the study. It includes a description of the data sources, the data collection methods, and the data analysis methods.

3. The third part of the report is a detailed description of the results of the study. It includes a description of the data, the data analysis results, and the conclusions drawn from the results.

4. The fourth part of the report is a discussion of the results of the study. It discusses the implications of the results, the limitations of the study, and the future research needs.

5. The fifth part of the report is a conclusion. It summarizes the findings of the study and provides a final statement on the project.

6. The sixth part of the report is a list of references. It includes a list of all the sources used in the study, including books, articles, and other documents.

7. The seventh part of the report is an appendix. It includes a list of all the data used in the study, including raw data and processed data.

8. The eighth part of the report is a glossary. It includes a list of all the terms used in the study, including technical terms and common terms.

9. The ninth part of the report is a list of figures. It includes a list of all the figures used in the study, including tables, charts, and graphs.

10. The tenth part of the report is a list of tables. It includes a list of all the tables used in the study, including data tables and summary tables.

11. The eleventh part of the report is a list of appendices. It includes a list of all the appendices used in the study, including raw data and processed data.

12. The twelfth part of the report is a list of figures. It includes a list of all the figures used in the study, including tables, charts, and graphs.

13. The thirteenth part of the report is a list of tables. It includes a list of all the tables used in the study, including data tables and summary tables.

14. The fourteenth part of the report is a list of appendices. It includes a list of all the appendices used in the study, including raw data and processed data.

15. The fifteenth part of the report is a list of figures. It includes a list of all the figures used in the study, including tables, charts, and graphs.



## REMARKS

Use this section to briefly describe site activities observed at the time of the inspection. Note any possible violations of Interim Status Standards.

Collins Generating Station generates and distributes electrical power. Fuel oil powers the stations boilers.

Collins notified as a treatment facility due to generation and treatment of a corrosive mineral reagent waste stream resulting from the production of demineralized water.

Recently, Collins rerouted the demineralized reagent waste and now qualify as a totally enclosed waste treatment facility. Region II of the USEPA has been notified of the rerouting. Remaining neutralized waste from the bottom of the former collection basin is to be handled as an Illinois special waste.

Collins also produces about 1 drum/month of solvents which are incinerated in the boilers (at  $\approx 3000^{\circ}\text{F}$ ) for positive BTU value.

Collins has requested withdrawal of the Part A form from the US EPA (letter dated 12-23-81) but wish to retain their generator number.

and in some cases the entire population of the area.

The following table shows the results of the survey.

The results of the survey are as follows:

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The results of the survey are as follows:

TO: Division File DATE: 6-23-82FROM: RJP ☐ Information onlySUBJECT: General (PCRA) - Grundy Co - Morris / Collins  
Generating Station ☐ Response requested

Collins formerly collected a sometimes corrosive waste stream in an on-site basin. The waste stream resulted from production of demineralized water and was hazardous by characteristic only. Wastes were treated in the equalization basin.

Currently, Collins qualifies as an endorsed waste treatment system in the production of demineralized water, the waste stream being rerouted from the basin to the plant intake canal. Region 5 has been notified of the closing of the basin.

Material from the bottom of the basin has been analyzed and will be handled as an Illinois special waste.

About 1 drum/month of solvents is incinerated for positive BTU's.

Collins does not qualify for PCRA and has requested withdrawal of their Part A but will retain their ILID number.







217/782-6762

Refer to: 0630605006 -- Grundy County  
Morris/Commonwealth Edison, Collins Station  
ILD000665497

January 21, 1986

Edith M. Ardiente, P.E.  
Chief, Technical Program Section  
U.S. Environmental Protection Agency  
Region V  
230 South Dearborn  
Chicago, Illinois 60604

RECEIVED

JAN 27 1986

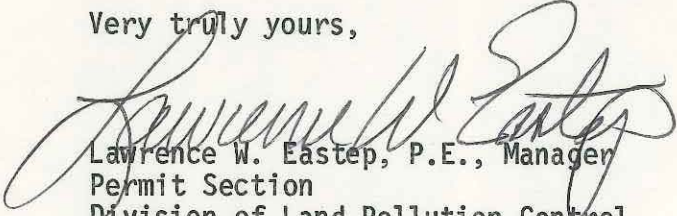
SOLID WASTE BRANCH  
U.S. EPA, REGION V

Dear Ms. Ardiente:

Enclosed is the Initial Screening for Environmental Significance form for the above referenced facility. There is no Notification of Hazardous Waste Site (EPA Form 8900-1) on file at IEPA for this facility, nor is there a Preliminary Assessment (EPA Form 2070-12) on file.

If you have any questions regarding this initial screening, please contact Marla Laymon of my staff at the above number.

Very truly yours,

  
Lawrence W. Eastep, P.E., Manager  
Permit Section  
Division of Land Pollution Control

LWE:ML:rd0154F/5

Enclosure

cc: Division File  
Bill Child  
USEPA Region V -- Ann Budich

Q 100. How many of the above are correct?



APPENDIX A-1

FACILITY INSPECTION FORM FOR COMPLIANCE WITH INTERIM  
STATUS STANDARDS COVERING GROUNDWATER MONITORING

General Information

USEPA Number: ILD000665497 IEPA Number: 0630605006  
 Major Facility: YES/NO \_\_\_\_\_ Notified As: \_\_\_\_\_ Regulated As: \_\_\_\_\_  
 Facility Name: Commonwealth Edison - Collins Station  
 Street: RR #1 Pinebluff Road  
 City: Morris State: Illinois Zip Code: 60450  
 Phone: 815/942-4500 County: Grundy  
 Facility Contact Official: Teresa Smith Branch/Organization: \_\_\_\_\_  
 Title: technical staff engineer  
 Region: N Date of Inspection: 10/20/86 Time: (From) 1:00pm (To) 4:00pm  
 Type of Inspection: (GWM) RR F/U \_\_\_\_\_  
 (Date of Initial Inspection)

Preparer Information:

Name:

Jeanne Balsama

Agency/Title:

IEPA/EP5II

Telephone:

312/345-9780

Section
<u>Not Regulated under</u>
<u>Part 725, Subpart F</u>

Class I Class II

TOTAL Class I's & II's

Type of facility: (check appropriately)

- a) surface impoundment
- b) landfill
- c) land treatment facility
- d) disposal waste pile\*

YES NO UNKNOWN WAIVED

X X      
         
       

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U.S. EPA, REGION V

Groundwater Monitoring Program

- Was the groundwater monitoring program reviewed prior to site visit? if "NO",  
 a) Was the groundwater program reviewed at the facility prior to site inspection?
- Has a groundwater monitoring program (capable of determining the facility's impact on the quality of groundwater in the uppermost aquifer underlying the facility) been implemented? 725.190(a)

  X  
     
   

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\*Listed separate from landfill for convenience of identification.

CC: Compliance Monitoring  
Northern Region





DATE: October 30, 1986  
TO: Division File  
FROM: Jeannine Balsamo  
SUBJECT: 0630605006 - Grundy County  
Morris/Com Ed Collins Station  
ILD000665497

An inspection was conducted on October 20, 1986 at the above referenced site to determine their degree of compliance with Part 725 Subpart F, Groundwater Monitoring Requirements. Present at the inspection were Teresa Smith, Technical Staff Engineer at the Collins Station and Judy Freitag, General Engineer of Environmental Affairs from the Chicago Office. Also present was Jim Wiggins of IEPA who conducted an ISS inspection during this time.

The facility filed a Part A for treatment of caustic wastewater (D002) in their surface impoundment. The facility submitted a closure plan dated May 12, 1981 to USEPA and submitted a request to withdraw their Part A on December 23, 1981. Closure of the impoundment began on approximately November 1, 1981 and included sampling of the bottom pond sediment.

One composite sample, taken from four sample locations, was analyzed for EP Toxicity and pH and revealed that no hazardous waste or hazardous waste constituents were present in the pond.

On May 17, 1982 the facility sent a certification of closure to USEPA. On October 13, 1982 IEPA sent a letter to the facility stating that, as per Rick Petersons June 23, 1982 ISS inspection, the facility was not regulated. On May 31, 1985 USEPA sent a letter stating that the facility was exempt from regulation and on October 1, 1985 IEPA sent an additional letter stating this conclusion.

My inspection revealed that the facility has closed their impoundment according to their May 12, 1981 closure plan and on that basis are not regulated under Part 725 Subpart F.

JB:pgb:0373P

cc: Northern Region  
Compliance Monitoring Section  
Jeannine Balsamo

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which was the first of several in the series of  
the "The Great American Novel" project. The  
project was a collaboration between the  
National Endowment for the Arts and the  
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provide a platform for the discussion of  
the project.



## Watt

IL 532-1343  
LPC 194 4/85 Pg. 1

1. The first part of the document is a list of the names of the persons who have been appointed to the various positions of the Board of Directors of the Corporation.

2. The second part of the document is a list of the names of the persons who have been appointed to the various positions of the Board of Directors of the Corporation.

3. The third part of the document is a list of the names of the persons who have been appointed to the various positions of the Board of Directors of the Corporation.

4. The fourth part of the document is a list of the names of the persons who have been appointed to the various positions of the Board of Directors of the Corporation.

5. The fifth part of the document is a list of the names of the persons who have been appointed to the various positions of the Board of Directors of the Corporation.

6. The sixth part of the document is a list of the names of the persons who have been appointed to the various positions of the Board of Directors of the Corporation.

7. The seventh part of the document is a list of the names of the persons who have been appointed to the various positions of the Board of Directors of the Corporation.

8. The eighth part of the document is a list of the names of the persons who have been appointed to the various positions of the Board of Directors of the Corporation.

9. The ninth part of the document is a list of the names of the persons who have been appointed to the various positions of the Board of Directors of the Corporation.

10. The tenth part of the document is a list of the names of the persons who have been appointed to the various positions of the Board of Directors of the Corporation.

11. The eleventh part of the document is a list of the names of the persons who have been appointed to the various positions of the Board of Directors of the Corporation.

12. The twelfth part of the document is a list of the names of the persons who have been appointed to the various positions of the Board of Directors of the Corporation.

(Y) Person(s) Interviewed	Title	Telephone
Judy A. Freitag	General Engineer	312/2943016
Teresa J. Smith	Technical Staff E.	312/9424500
(Z) Inspection Participants	Agency/Title	Telephone
James K. Wiggins	IEPA/EPS	312/3459780
Jeannine Balsamo	IEPA/EPS	312/3459780

## II. Section A: Scope of Inspection.

- Interim Status standards for the treatment, storage or disposal of HAZARDOUS WASTES SUBJECT TO 35 Ill. Adm. Code 725.101. Complete Inspection Form A, Sections B, C, D, E, and G.
- Place an "X" in the box(es) corresponding to the facility's treatment, storage or disposal processes, and generation and/or transportation activity (if any). Complete only the applicable sections and appendixes.

### Permit application process(es) (EPA Form 3510-3)

### Inspection Form A section(s)

S01	<input type="checkbox"/>	storage in containers	I
S02	<input type="checkbox"/>	storage in tanks	J
T01	<input type="checkbox"/>	treatment in tanks	J
S04	<input type="checkbox"/>	storage in surface impoundment	K, F
T02	<input type="checkbox"/>	treatment in surface impoundment	K, F
D83	<input type="checkbox"/>	disposal in surface impoundment	K, F
S03	<input type="checkbox"/>	storage in waste pile	L
D81	<input type="checkbox"/>	disposal by land application	M, F
D80	<input type="checkbox"/>	disposal in landfill	N, F
T03	<input type="checkbox"/>	treatment by incineration	O, P
T04	<input type="checkbox"/>	treatment in devices other than tanks, surface impoundments, or incinerators	Q

### Other Activities

GENERATOR	<input checked="" type="checkbox"/>	Small Quantity	APPENDIX	GN
TRANSPORTER	<input type="checkbox"/>		APPENDIX	TR

- Indicate any hazardous waste processes, by process code, which have been omitted from Part A of the facility's permit application.
  - Indicate any hazardous waste processes (by process code and line number on EPA Form 3510-3 page 1 of 5) which appear to be eligible for exclusion per 35 Ill. Adm. Code 725.101(c). Provide a brief rationale for the possible exclusion.
- \*\* Part A application listing process codes T02, T04, was withdrawn December 23, 1981.

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This document is a summary of the information provided in the attached documents. It is not intended to be used for any other purpose. The information is being provided for your information only. It is not intended to be used for any other purpose. The information is being provided for your information only. It is not intended to be used for any other purpose.



## NARRATIVE

Commonwealth Edison Company's Collins Generating Station, located along the Illinois River, a half mile north of Pine Bluff Road, is an oil fired generating plant which is used primarily during periods of peak electrical demand.

Commonwealth Edison filed a Part A permit application on November 18, 1980 which described surface impoundment treatment of an aqueous waste stream (D002) resulting from the regeneration of demineralizer resin beds.

A closure plan was filed with USEPA on May 21, 1981, due to a system modification which resulted in demineralizer regeneration waste being rerouted to the plant's intake canal. The new system, according to Commonwealth Edison, qualified for exemption as a totally enclosed treatment facility under 40 CFR Section 265.115.

Withdrawal of the Part A permit application was requested by Commonwealth Edison on December 23, 1981. Subsequent review by USEPA concluded by letter of acknowledgment dated May 31, 1985, that a RCRA permit was not required for the facility.

Hazardous waste activity on site is currently confined to the generation of small quantities (between 100 - 1000 Kg./Mo.) of waste solvents (F001, D001) which are used for degreasing and general utility cleaning. Dirty solvent is accumulated on site in 55-gallon containers in the company's designated waste area. All wastes are accumulated for a period of time less than ninety days prior to removal to an off-site TSD facility.

Manifest records on file at the company representing

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## NARRATIVE

previous shipments were reviewed and appeared to be in order with no particular problems observed.

All other activities observed on site at the time of the inspection appeared to be in conformance with applicable Section 721.105 requirements.

It should be noted, however, that the facility's Part A permit application listed process code T04 (thermal treatment) in addition to surface impoundment treatment. A review of regional files seems to indicate that neither the withdrawal request nor the closure plan submitted to USEPA addressed the T04 process.

Commonwealth Edison indicated that they ceased burning small quantities of hazardous wastes in the fall of 1981. It is not clear at the present time if closure requirements were ever adequately addressed for this process. If additional requirements are deemed necessary, Commonwealth Edison will be notified accordingly.

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## Introduction

The purpose of this document is to provide a comprehensive overview of the project's objectives, scope, and deliverables. This document serves as a reference for all project-related activities and is intended to be read by all project stakeholders. The project is a multi-phase initiative aimed at improving the efficiency of our internal processes and enhancing the quality of our customer service. The project is led by the Project Manager, who is responsible for the overall direction and coordination of the project. The project team consists of members from various departments, including Marketing, Sales, and Operations. The project is expected to be completed by the end of the year.

The project is divided into several phases, each with its own set of tasks and deliverables. The first phase is the initial planning and setup, which includes defining the project's scope, identifying the project team, and establishing a communication plan. The second phase is the implementation of the project, which involves the execution of the project plan and the monitoring of progress. The third phase is the evaluation and reporting, which includes assessing the project's performance and providing a final report to the stakeholders. The project is expected to result in significant improvements in our internal processes and a more efficient and effective customer service. The project is a critical component of our overall business strategy and is expected to have a positive impact on our bottom line.

The project is a complex and challenging task, but with the right approach and resources, it can be successfully completed. The project team is committed to the project's success and will work closely with the Project Manager to ensure that all project objectives are met. The project is a testament to our commitment to continuous improvement and our dedication to providing the best possible service to our customers. The project is a key element of our business strategy and is expected to have a significant impact on our future success. The project is a testament to our commitment to excellence and our dedication to achieving our business goals.